# Binnacle



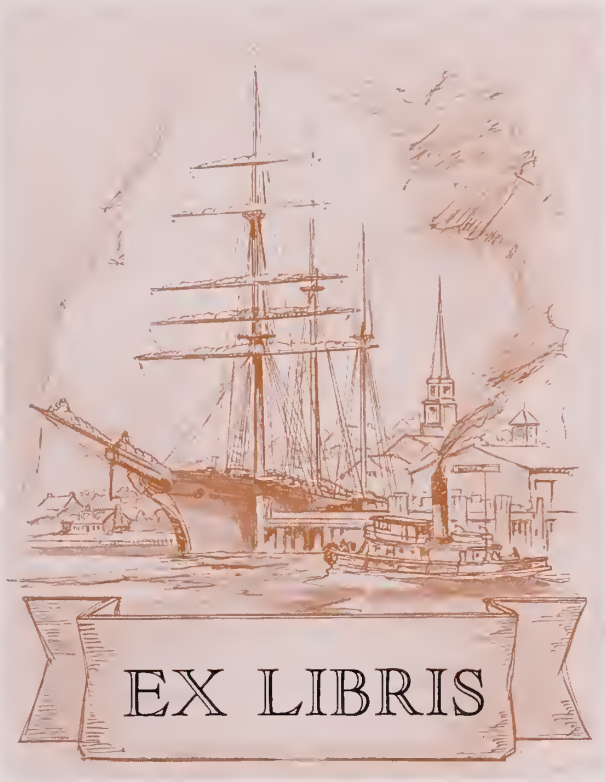
1941







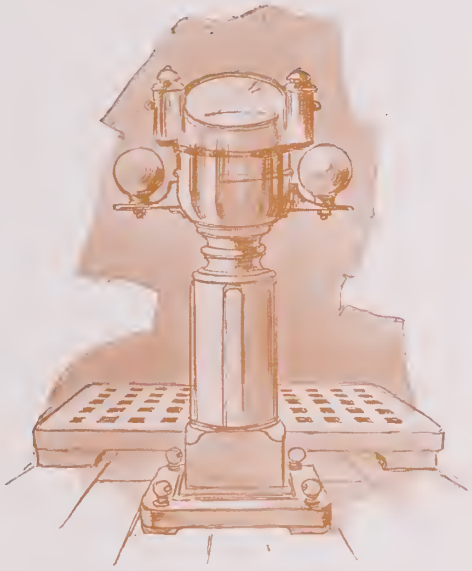



EX LIBRIS

# THE BINNACLE

VOLUME ONE

NINETEEN HUNDRED AND FORTY-ONE



Published Annually by the Students of

THE APPRENTICE SCHOOL

Newport News Shipbuilding & Drydock Co.

Newport News, Va.



CHARLES FRANKLIN BAILEY

*"A true American who has kept youth in his heart for the benefit of his friends" . . .*

ARCHER M. HUNTINGTON.

# DEDICATION

WE, the students of the Apprentice School, are privileged to dedicate this, our first volume of THE BINNACLE to "the godfather of the Apprentices", Charles Franklin Bailey. We seize this auspicious moment to express respectfully our gratitude and admiration to our sincere friend.



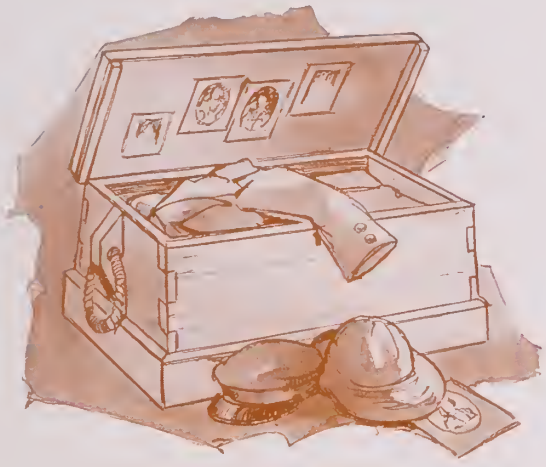
THE APPRENTICES have a great opportunity in this time of national crisis to make a real contribution to our defense effort, and I feel sure they will do just this.

HOMER L. FERGUSON
President, N. N. S. & D. D. Co.

# FOREWORD

This first edition of THE BINNACLE is the realization of the dreams of apprentices of the Newport News Shipbuilding and Dry Dock Company over the years. The Staff has endeavored to present modestly, but with pride, something of the students, the faculty, and this great shipbuilding company. For the Students we acknowledge the assistance of those in authority and we pledge to them and to our country our cooperation and loyalty. It is our hope that this volume will be an inspiration both to the graduates and to those yet in training to build the finest ships afloat.

THE BINNACLE STAFF
January, 1942



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# HISTORICAL SKETCH

# HISTORICAL SKETCH



*Night school class in mathematics, 1914—G. Guy Via, Instructor*



NIELS CHRISTIANSEN
*Late Superintendent of Machinery Installation, and enthusiastic supporter of all Apprentice activities—for whom the Christiansen award was named*

APPRENTICESHIP training was first recognized by an act of the English Parliament in the year 1283, and from that recognition we have today a system by which the many arts and trades are preserved and passed from one generation to another, each adding new developments and more practical and efficient methods for improving the working conditions, thereby turning out better work and more competent craftsmen. It is this system that has been instrumental in vaulting the Newport News Shipbuilding and Dry Dock Company to the heights of efficiency and dependability.

For many years industrial organizations have endeavored to train their employees through apprenticeships, supplementing work in the shops or mills with classroom work either within the plant or through co-operation with local schools. By thus combining actual experience with associated trade knowledge, the best type of vocational training is possible. This type of training was introduced in the local shipyard some fifty years ago, and as a result, hundreds of skilled craftsmen in many different industries throughout our country look back on the training received in this Apprentice School as the foundation on which they have built successful careers.



*First formal graduating class of 1937*



*Original group of Apprentice Instructors, 1930*

Located within the plant, and serving as an integral part of apprentice training for the Company, the Apprentice School has an enrollment of more than 850 students. It is not connected in any way with the Navy or other governmental agencies; it is operated entirely by the Company.

The first person to complete his apprenticeship with this Company was Norwood Jones, who received his certificate as a machinist on April 4, 1894. Since then many capable craftsmen have been graduated and are holding responsible positions in this and other companies.

In the early days, apprentices received their training the best way they could by watching the master craftsmen at work. If a boy was placed with a man who would take an interest



*Workmen leaving shipyard—World War I*

in him and help him along, he was indeed fortunate, as many of the mechanics were reluctant to pass on to an apprentice any real knowledge known as "trade secrets." This early training was supplanted by academic work in night schools for which the apprentice received no pay, but in 1912 a day school was organized within the bounds of the Company, and by 1925 the apprentice was under full time instruction both in the shops and in the classrooms.

When Mr. Homer L. Ferguson took over the general management of the Shipyard, he realized that the best mechanics were growing old. He realized that it takes craftsmen to build good ships, and if these craftsmen were not available, it was necessary to train them; therefore he searched for a better way of training men.

He found an answer to his problem in a young engineer who had had previous administrative training in the secondary schools of Virginia, G. Guy Via, the present Supervisor of Training. Mr. Via in turn sought the counsel and backing of other men, chief among whom were Charles F. Bailey, then Engineering Director, and Edward J. Robeson, Jr., Personnel Manager. With only an educational compass and his destination in mind, he began the tedious procedure of plotting a course of training which would take into consideration everything necessary in the planning and building of good ships.

Approximately fifty first-class mechanics taken from this enterprise were employed as instructors to train these young men in every phase of their vocation, each instructor keeping his own record of the individual and noting any special talent or qualifications he might have. Many times it is found that a student will make a good supervisor because of his complete understanding of the work, but, lacking in muscular co-ordination, he would undoubtedly be a failure as a mechanic.

Seventeen trades are offered in the Apprentice School, namely: Anglesmith, Blacksmith, Boilermaker, Coppersmith, Electrician, Joiner, Machinist, Millwright, Molder, Painter and Decorator, Patternmaker, Plumber, Ship Rigger, Sheet Metal, Ship Carpenter, Ship Fitter, and Shipwright. Each of these courses is of four years' duration, and the training given is intended to cover thoroughly every phase of the craft.



*Mechanical Drawing Class, Apprentice School—1927*



*Apprentice Drawing Room under S. K. McFall, V. Walker, and F. Zelle—1938*



*Frank M. Dobson, being greeted by G. Guy Via and S. A. Hickey on his arrival, in 1940, to take charge of the Apprentice athletic program*

Another division of the apprentice educational system is the Drawing School. This is composed of boys who have excelled in their work, scholastically and in the shops. If a student accepts a call to the Drawing School, he must serve a minimum of five years, instead of the usual four. After twelve months in the Drawing School, he is transferred to the regular drawing rooms, either Piping, Machinery, Electrical or Hull.

Beginning each September, a nine-month school year is offered, which the student must attend for a period of three years. In this time he is given courses in Physics, Chemistry, Mathematics, English, Industrial Economics, Mechanical Drawing, and Shipbuilding.

If a student is to be accepted into the Apprentice School, he must be between the ages of seventeen and twenty-one and possess a high school education with full credit in Algebra and Geometry. He must have maintained a "C" average or better during his high school career, and his physique should be suitable for his chosen vocation. He must not have attended an institution of higher learning, and must bear a good reputation in his community. As all others employed in the Company, he must pass a complete physical examination.

This school has risen to be one of the greatest assets to the City of Newport News and the State of Virginia. Graduates are looked on with high respect, and their working qualifications have been recognized throughout the nation. Mr. Via, the Supervisor of Training, has rounded out an institution that has benefited and will continue to benefit mankind by his teaching of a simple lesson about the "head, hand, and heart"—the head to think, the hand to do, and the heart to keep one upright in his dealings with fellow-workmen.



*Apprentice Athletic Building; built in 1933, formally opened December 29, 1933*

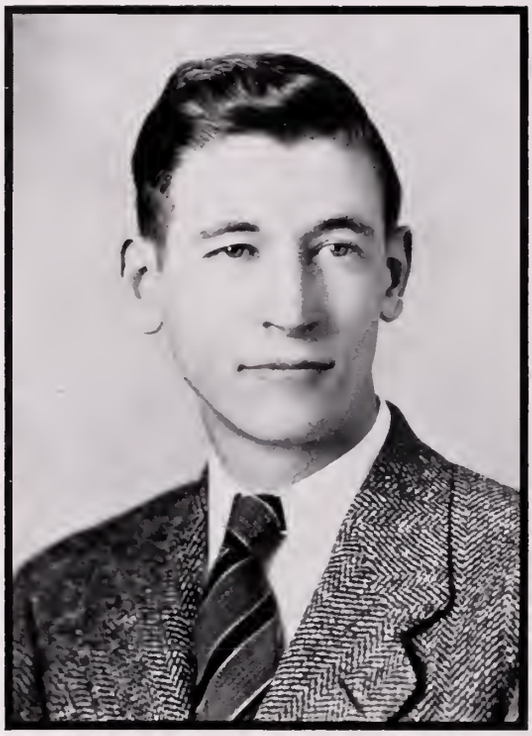


*Football Team, 1925—E. J. Robeson, Coach; R. L. Patterson, Assistant Coach*



G. Guy Via
*Supervisor of Training*

THE STAFF of the inaugural edition of THE BINNACLE takes pleasure in dedicating this page to our Supervisor of Training, G. Guy Via. By this dedication we express our gratitude to a great educator and master workman whom we know as a student, comrade, and leader, ever willing to cooperate in all problems, no matter how minute.



# IN MEMORIAM

•

RAYMOND E. SNOW, II

*November 14, 1917*
*November 25, 1941*

THE BINNACLE Staff and Graduating Class of 1941 pause in memory of its late fellow-classman, Raymond E. Snow, II, whose friendly smile and willing hand will be greatly missed from the ranks of all of those who knew him.



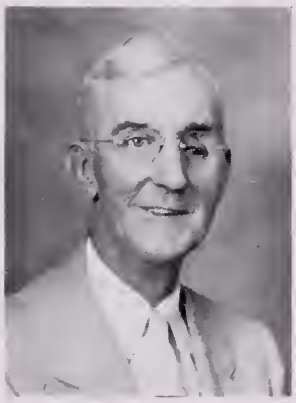
G. Guy Via
*Supervisor of Training*



Samuel A. Hickey
*Chief of Instructors*



Frank L. Stokes
*Assistant Chief of Instructors*



Harry D. Branning
*Staff Assistant*

## SECRETARIAL STAFF



Mrs. Frank Swelling



Miss Elizabeth Rowe



Miss Kathryn Newcome



Miss Nellie Hurt



FAIRMOUNT R. WHITE
*Faculty Advisor* THE BINNACLE, *1941*
*English and Economics*
William and Mary, A.B.; American University of France

# FACULTY



ELMER B. GIVENS
*Chemistry and Physics*
Lynchburg College, A.B.; University of Virginia



PAUL B. GIVENS
*Mathematics*
Lynchburg College; Virginia Polytechnic Institute, B.S.



JOHN J. CARVIL
*Engineering Drawing*
Apprentice School; Johns Hopkins University



D. BOYD THOMAS
*Mathematics*
North Carolina State, B.S.; North Carolina State, M.S.; Duke University; University of Michigan



GEORGE C. MASON
*Shipbuilding-Naval Architecture*
North Carolina State, B.S.; Yale; Massachusetts Institute Technology; Virginia Polytechnic Institute

# FACULTY



WILLIAM HELTZEL
*Chemistry and Physics*
William and Mary, B.S.; Brown University, M.S.



ELIJAH BAKER, III
*Shipbuilding*
Hampden-Sydney, B.S.; Foreign Service School, Washington, D. C.



FRANK SIMMONS, JR.
*English and Economics*
Davidson College, B.S.; University of Virginia, M.A.



WILLIAM O. COOLEY
*Engineering Drawing*
Virginia Polytechnic Institute, B.S.



# INSTRUCTORS

D. J. Antinori, *Machinist Instructor*
T. B. Baird, *Machinist Instructor*
F. J. Brown, *Electrical Instructor*

G. S. Buchanan, *Shipfitter Instructor*
J. A. Buchanan, *Boilermaker Instructor*
B. G. Carmean, *Machinist Instructor*

M. Christie, *Steam Engineer Instructor*
A. E. Cullen, *Mold Loft Instructor*
W. E. Curtis, *Steam Engineer Instructor*

H. J. McCarthy, *Plumbing Instructor*
C. C. Donegan, *Plumbing Instructor*
E. A. Emery, *Steam Engineer Instructor*

L. H. Flowers, *Plumbing Machinist Instructor*
P. G. Foster, *Shipfitter Instructor*
B. W. Fox, *Sheet Metal Instructor*

F. B. Gall, *Ship Carpenter Instructor*
G. G. Givens, *Electrical Instructor*
R. L. Goodwin, *Shipwright Instructor*

C. L. Griffith, *Machinist Instructor*
J. G. Ishon, *Shipfitter Instructor*
J. A. Jackson, *Apprentice Drawing School Instructor*

F. L. Johnson, *Plumbing Machinist Instructor*
H. Johnson, *Piping Drawing Room Instructor*
L. B. Jones, *Sheet Metal Instructor*

# INSTRUCTORS

R. W. Lane, *Plumbing Instructor*
R. P. Lentz, *Machinist Instructor*
A. C. Marshall, *Machinist Instructor*

P. L. Matthews, *Painter and Decorator Instructor*
J. McBride, *Machinist Instructor*
S. Davis, *Machinist Instructor*

M. T. McCracken, *Plumbing Instructor*
S. K. McFall, *Apprentice Drawing School Instructor*
N. McKelvey, *Machinist Instructor*

W. E. Michie, *Shipwright Instructor*
J. W. Murden, *Machinist Instructor*
W. W. Olney, *Shipfitter Instructo*

D. B. Parrish, *Coppersmith Instructor*
O. E. Schade, *Machinist Instructor*
R. W. Sherman, *Electrical Instructor*

C. W. Shields, *Coppersmith Instructor*
E. B. Snyder, *Machinist Instructor*
H. L. Snyder, *Patternmaker Instructor*

J. E. Torok, *Coppersmith Instructor*
S. Union, *Machinist Instructor*
C. H. Waters, *Shipfitter Instructor*

A. H. Wornom, *Foundry Instructor*
H. D. Worthington, *Plumbing Machinist Instructor*
F. Zelle, *Hull Drawing Room Instructor*

---

E. E. Heath, Jr., *Machinist Instructor* (no picture)






# STUDENT BODY

# STUDENT GOVERNMENT



ELMON SCOTT
*President*

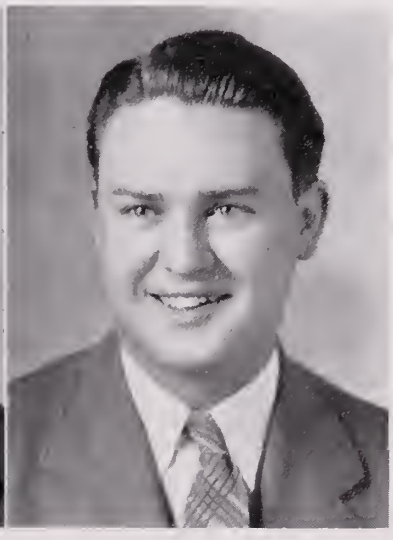
IN STEP with the ideals and principles of Democracy, the Apprentice School has one of the most efficient and effective systems of student government in the state.

The executive body of this student government, known as the Student Cabinet, is composed of six members, all of whom are elected by a majority vote. They bear the titles of President of the Student Body, Vice-President, Secretary, President of the Honor and Disciplinary Council, President of the Activities Council, and President of the Athletic Council. It can be seen that these students sit as chairmen of the important divisions of activities throughout the school.

When any action has been taken by one of the subdivisions, it is referred to the Student Cabinet for approval before passing it on to the Supervisor of Training for his final approval or disapproval. Such an arrangement tends toward a closely knit organization which affords both the President and Supervisor of Training ample opportunity to keep in touch with all important events. It also gives complete control to the students so long as this control is not contrary to the best interests of the school and to the shipyard.

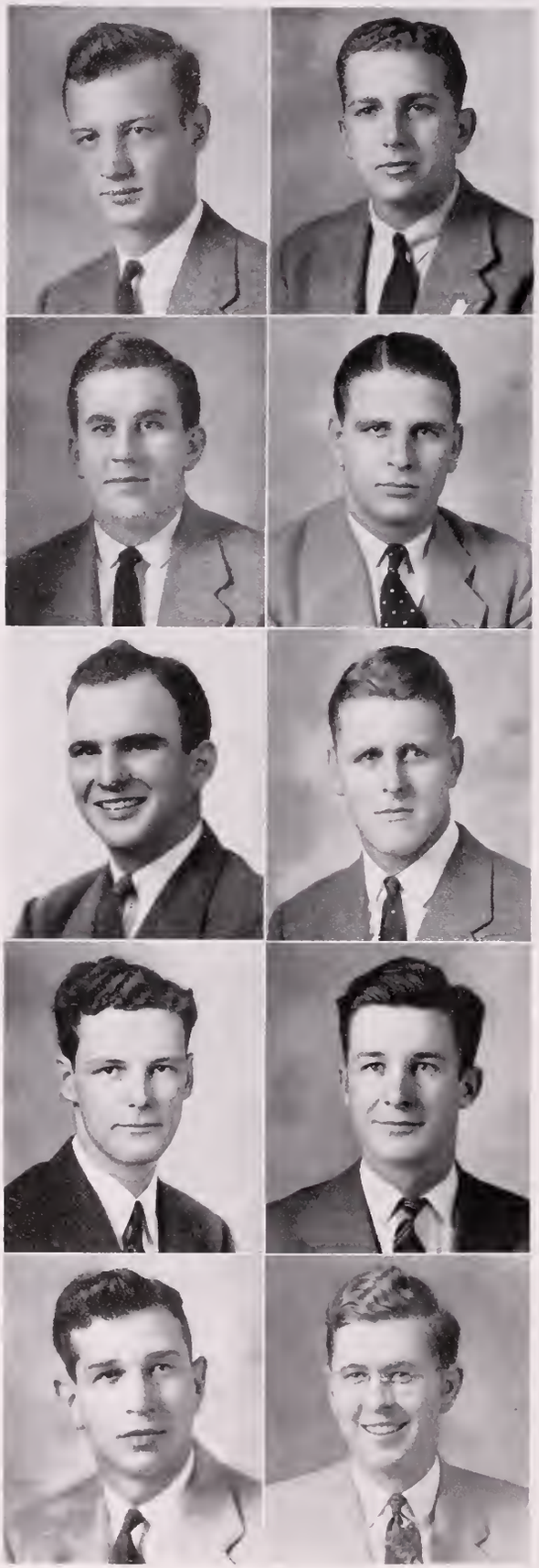


JAMES BAXTER
*Vice-President*



CLIVE SHAVER
*Secretary*

# HONOR COUNCIL



E. L. Scott
J. F. Cardoza
J. W. Eames
E. K. Long
C. F. Roulet

D. Brown
A. Davis
M. Gayle
E. J. Meehan
H. D. Stalnaker



Richard Broad, Jr.
*President*

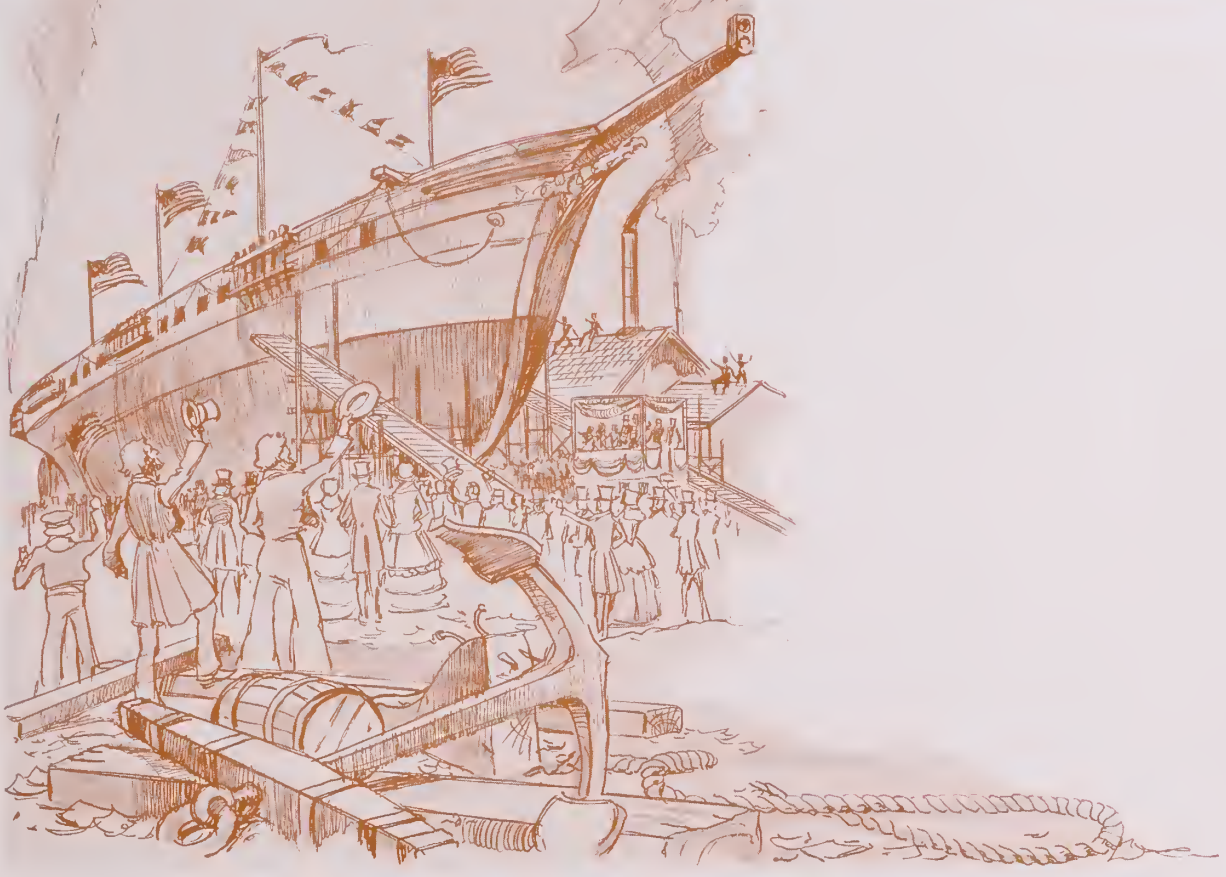
"THE Student Disciplinary Council of The Newport News Shipbuilding and Dry Dock Company's Apprentice School," commonly known as the Honor Council, is an organization with the purpose of promoting personal responsibility, loyalty and a high sense of honor in the individual, and to present and further the best interests of the student body and the school.

Richard Broad, Jr., is President of the Honor Council; Charles Roulet, Vice-President, and Edryn Long, Secretary. Other members are: E. L. Scott, J. W. Eames, A. L. Davis, H. D. Stalnaker, M. W. Gayle, D. M. Brown, E. J. Meehan, and J. Cardoza. Students of this organization must have reached their third year of apprenticeship, and may not be members of any other Council. The officers are elected at the Annual Meeting of the student body, and the associate members are appointed by the President. Their membership shall be for the duration of their apprenticeship unless they resign or are replaced for other reasons. In the event of a vacancy, a list of nominees is submitted to the Student Body President by the Council. From this list, the Student Cabinet appoints a new member. Missing two stated meetings within one year will automatically retire a member, and another is appointed to fill his place.

The organization meets regularly on the second Wednesday of each month, but special meetings may be called at any time by the President.

The Honor Council has the power to call before it at any time any apprentice found guilty of misconduct in any form and to place a penalty on that person which shall be approved by the Supervisor of Training.

# GRADUATING CLASS OF 1941





Mrs. Frank Swelling

*Sponsor of the Graduating Class of 1941*

# GRADUATING CLASS OFFICERS



Seated, left to right:

R. M. Nelson
*President*

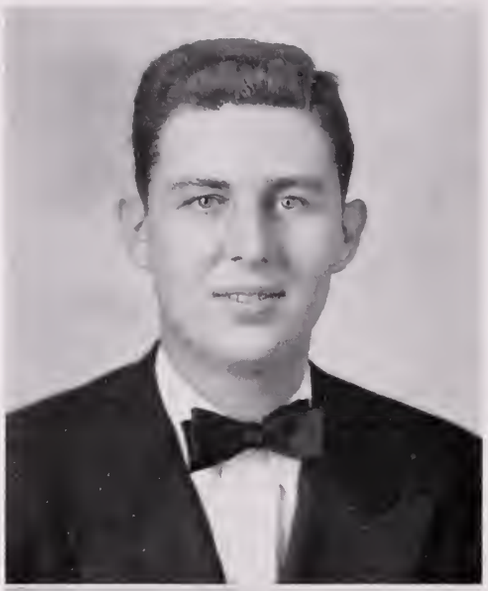
W. S. Jessee
*Vice-President*

Standing:

D. C. Delinger
*Secretary*

E. E. Jackson
*Commencement Speaker*

# CLASS of 1941



JOHN BROWN BAIN, JR.
HAMPTON, VIRGINIA

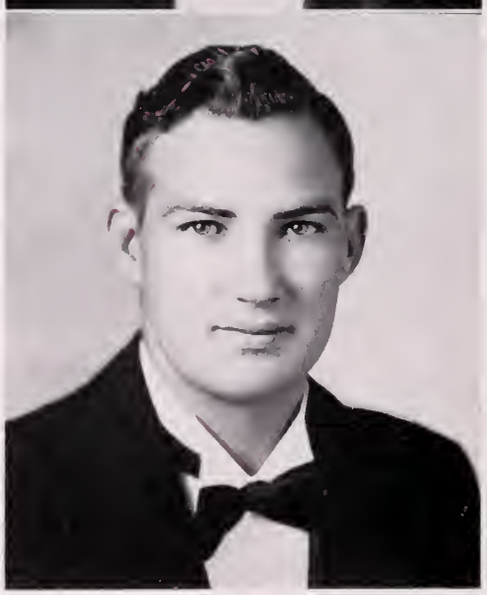
*Departments:* Entered Electricians March 30, 1937; transferred to Electrical Drawing Room November 30, 1939; transferred to Electricians February 17, 1941; graduated as *Electrician* March 29, 1941

*Activities:* Basketball Team '39; Honor Council '38, '40, '41



CARROL A. BEVERIDGE
PHILADELPHIA, PENNSYLVANIA

*Departments:* Entered Copper Shop December 31, 1935; transferred to Piping Drawing Room October 17, 1938; graduated as *Piping Draftsman* January 24, 1941



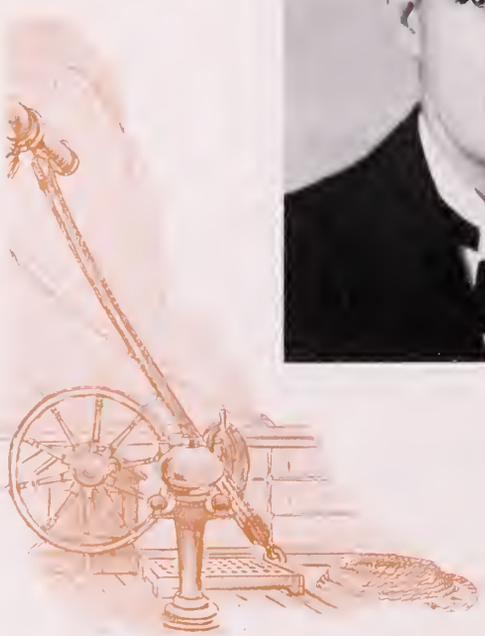
ROBERT PAUL BLAIR
HILTON VILLAGE, VIRGINIA

*Departments:* Entered Sheet Metal Shop June 24, 1936; transferred to Piping Drawing Room June 12, 1939; graduated as *Piping Draftsman* June 23, 1941

*Activities:* Football Usher '36, '37, '38, '39; Wrestling "A" '39; Team '37, '38, '40; Golf "A" '39, '40, '41; Team '37, '38

*Offices:* Manager, Golf, '39, '40, '41





# CLASS of 1941



WILLIAM EDWIN BOWMAN
LAKELAND, FLORIDA

*Departments:* Entered Apprentice Gallery June 15, 1937; transferred to Plumbing Machinists April 3, 1939; transferred to Main Machine Shop November 15, 1939; graduated as *Machinist* July 9, 1941

*Activities:* Football "A" '38, '39, '40; Apprentice Minstrel '39



LINWOOD BUNTING
LAKELAND, FLORIDA

*Departments:* Entered Apprentice Gallery June 15, 1937; transferred to Brass Machine Shop March 27, 1939; graduated as *Machinist* August 6, 1941

*Activities:* Football "A" '37, '38, '39, '40; Baseball "A" '38, '39, '40, '41

*Offices:* Assistant Coach, Baseball, '41

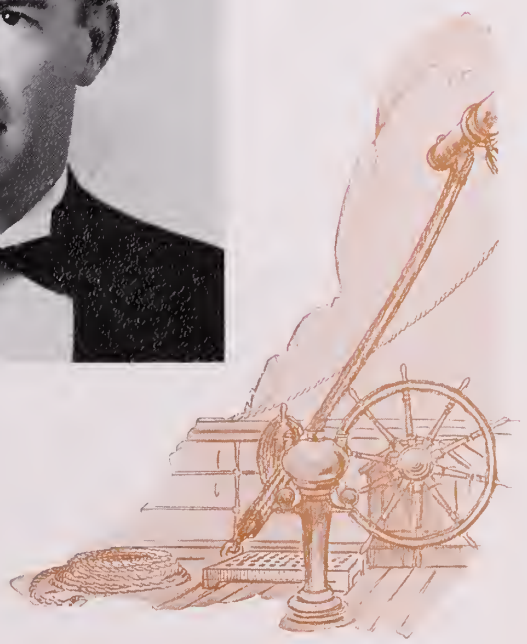


LELAND TARVER CLARKE
WRIGHTSVILLE, GEORGIA

*Departments:* Entered Shipwrights June 23, 1936; transferred to Painters and Decorators January 26, 1937; transferred to Hull Drawing Room February 14, 1938; graduated as *Hull Draftsman* August 5, 1941

*Activities:* Football Team '39; Wrestling Team '38, '39, '40; Art Staff, *The Broad A*, '37, '38, '39, '40, '41; Art Staff, THE BINNACLE, '41; Apprentice Glee Club '37, '38; House League Basketball '41





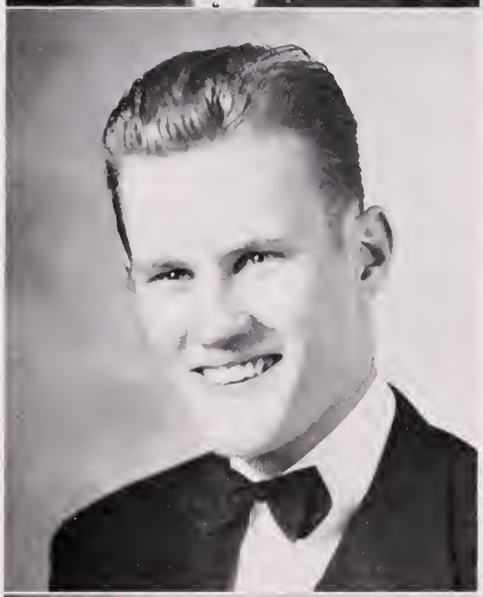
# CLASS of 1941



JAMES ANDERSON CLEARY, JR.
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Plumbers April 28, 1936; transferred to Piping Drawing Room October 17, 1938; graduated as *Piping Draftsman* June 5, 1941

*Activities:* Football Usher '37, '38; Plumbers Club '37



WILLIAM SCOTT CLEMENT
HILTON VILLAGE, VIRGINIA

*Departments:* Entered Sheet Metal Shop July 21, 1936; transferred to Hull Drawing Room June 7, 1938; graduated as *Hull Draftsman* August 25, 1941

*Activities:* Band '37, '38, '39, '40



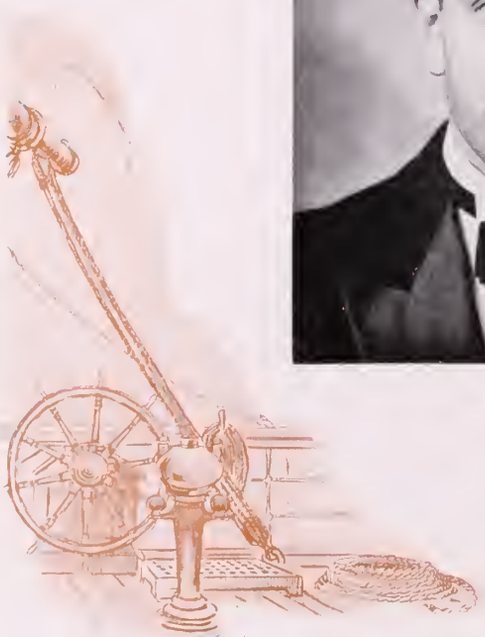
DONALD CAMPBELL DELINGER
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Main Machine Shop March 24, 1936; transferred to Apprentice Gallery October 20, 1936; transferred to Erecting Machine Shop November 15, 1938; transferred to Machinery Drawing Room February 6, 1939; graduated as *Machinery Draftsman* April 16, 1941

*Activities:* Band '36, '37, '38, '39, '40, '41; Honor Council '39, '40

*Offices:* Secretary, Honor Council, '40; Secretary-Treasurer, Senior Class, '41





# CLASS of 1941



RICHARD ALCIDE EGGLESTON
NORFOLK, VIRGINIA

*Departments:* Entered Ship Fitters April 7, 1936; transferred to Hull Drawing Room October 17, 1938; graduated as *Hull Draftsman* April 5, 1941

*Activities:* Photographer, *The Binnacle*, '41; Football Tickets '39, '40, '41

*Offices:* Chairman, Flower Committee, Senior Class '41



FENTON OLIVER GILLIAM, JR.
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Apprentice Gallery February 4, 1936; transferred to Hull Fitting and Plant August 4, 1936; transferred to Superintendents' Office April 4, 1938; transferred to Main Machine Shop July 5, 1838; transferred to Machinery Drawing Room October 17, 1938; graduated as *Machinery Draftsman* February 4, 1941

*Activities:* Apprentice Glee Club '38, '39, '40



DONALD WAYNE GILMAN
MINNEAPOLIS, MINNESOTA

*Departments:* Entered Electricians December 31, 1935; transferred to Piping Drawing Room October 17, 1938; transferred to Electrical Drawing Room March 30, 1939; graduated as *Electrical Draftsman* February 13, 1941

*Activities:* Honor Council '39; Staff, THE BINNACLE, '41; Staff, *The Broad A*, '37; Auditing Committee '37, '38; Band Banquet Committee '39; Band '36, '37, '38, '39, '40, '41; Apprentice Glee Club '37, '38; Apprentice Minstrel '38, '39, '40, '41

*Offices:* Captain, Band, '40; Sports Editor, *The Broad A*, '37; Director, Minstrel Orchestra, '40, '41; Chairman, Band Banquet, '40





# CLASS of 1941



LAU REED GRAHAM
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Apprentice Gallery August 21, 1935; transferred to Plumbing Machinists March 3, 1936; transferred to Piping Drawing Room February 6, 1939; graduated as *Piping Draftsman* February 5, 1941



OTTO CRAIG HORSTMANN
NORFOLK, VIRGINIA

*Departments:* Entered Plumbers July 1, 1936; transferred to Piping Drawing Room October 17, 1938; graduated as *Piping Draftsman* September 18, 1941

*Activities:* Tennis Team '37, '38; Plumbers Club '37; Staff, *The Broad A*, '37, '38; Staff, THE BINNACLE, '41

*Offices:* Secretary, Plumbers Club, '37; Business Manager, THE BINNACLE, '41

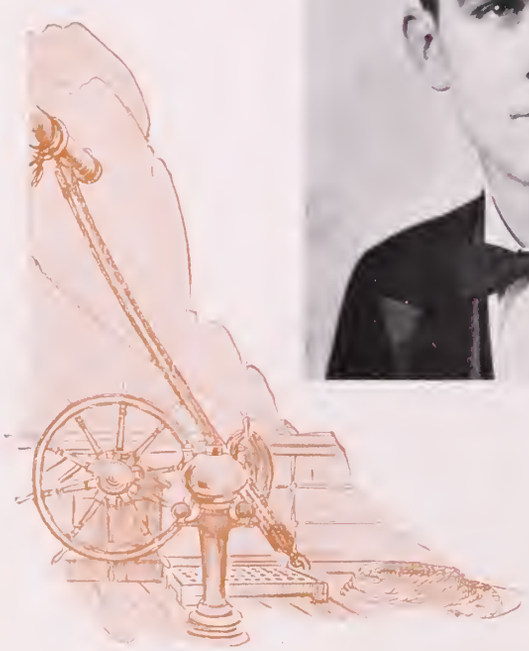


O. REID HUDSON, JR.
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Main Machine Shop March 24, 1936; transferred to Apprentice Gallery November 10, 1936; transferred to Erecting Machine Shop February 8, 1939; transferred to Die Shop May 29, 1939; transferred to Piping Drawing Room June 12, 1939; graduated as *Piping Draftsman* June 11, 1941

*Activities:* Apprentice Glee Club '36, '37; Apprentice Minstrel '37, '38, '39; Band '38, '39, '40

*Offices:* Editor-in-Chief, *The Broad A*, '39, '40 Editor-in-Chief, THE BINNACLE '41





# CLASS of 1941

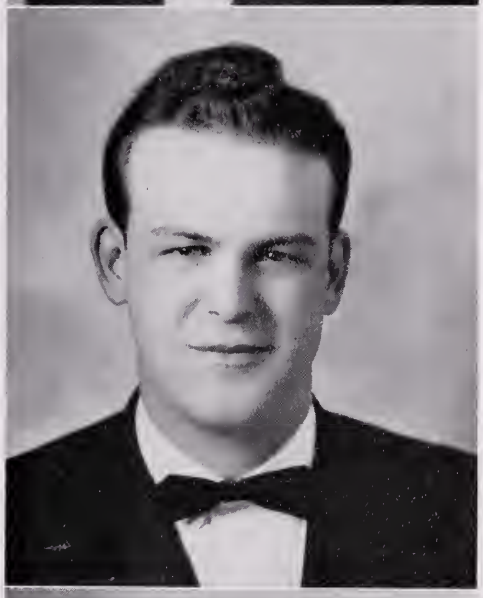


### EDGAR EARL JACKSON
NORFOLK, VIRGINIA

*Departments:* Entered Ship Fitters November 3, 1936; transferred to Mold Loft September 30, 1937; transferred to Ship Fitters February 1, 1938; transferred to Mold Loft November 30, 1938; transferred to Ship Fitters June 12, 1939; graduated as *Ship Fitter* January 30, 1941

*Activities:* Football "A" '37; Squad '38, '39, '40; Track Team '37, '38, '39, '40; Staff, *The Broad A*, '39, '40; Monogram Club '37, '38, '39, '40; Apprentice Minstrel '37, '38, '39, '40

*Offices:* President, Student Body, '39, '40; President, Athletic Council, '39, '40; Welcome Address, Graduation Exercises, Senior Class, '40; Commencement Speaker, Senior Class, '41; Alumni Representative, THE BINNACLE, '41; Youth Conference '39, '40



### EUGENE EARL JAEGER
JOLIET, ILLINOIS

*Departments:* Entered Apprentice Gallery April 14, 1936; transferred to Main Machine Shop February 23, 1937; transferred to Steam Engineers March 2, 1937; transferred to Piping Drawing Room October 17, 1938; graduated as *Piping Draftsman* June 21, 1941

*Activities:* Band '36, '37, '38, '39, '40, '41; Youth Conference '38, '39, '40, '41; Apprentice Minstrel '36

*Offices:* President, Honor Council, '39, '40; Student Cabinet '39, '40; First Lieutenant, Band, '40; Manager, Track, '40



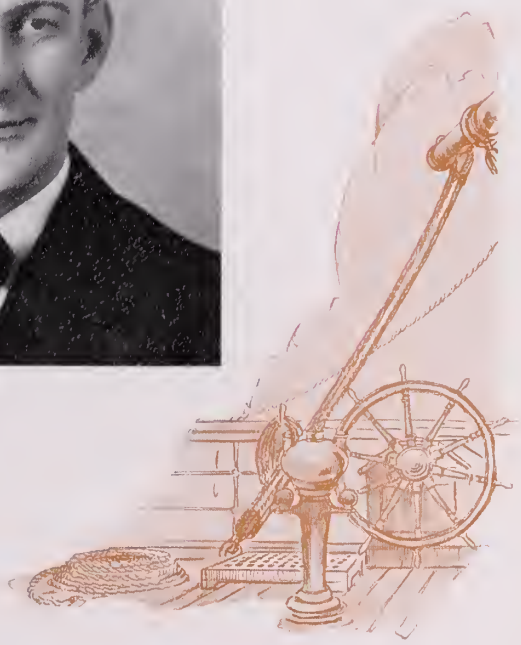
### WINDFIELD SCOTT JESSEE, JR.
BRISTOL, VIRGINIA

*Departments:* Entered Sheet Metal Shop October 23, 1936; graduated as *Sheet Metal Worker* February 4, 1941

*Activities:* Football Squad '36, '37, '38, '39; Baseball "A" '37, '38, '39, '40; Team '36; Wrestling "A" '40; Team '37, '38, '39; Apprentice Minstrel '37, '38, '39, '40; Youth Conference '38, '39, '40

*Offices:* Vice-President, Senior Class, '41





# CLASS of 1941



WILLIAM CHRISTIAN KUTSCHINSKI
GRAND RAPIDS, MICHIGAN

*Departments:* Entered Apprentice Gallery June 16, 1936; transferred to Hull Drawing Room June 9, 1937; graduated as *Hull Draftsman* September 2, 1941

*Activities:* Staff, THE BINNACLE, '41; Staff, *The Broad A*, '37, '38; Band '36, '37, '38, '39, '40, '41; Apprentice Minstrel '37, '38, '39; Cotillion Club '41

*Offices:* Circulation Manager, THE BINNACLE, '41; Sergeant, Band, '40; Lieutenant, Band, '41



ALFRED O. LUNING
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Ship Fitters July 21, 1936; transferred to Mold Loft October 8, 1937; transferred to Hull Drawing Room October 17, 1938; graduated as *Hull Draftsman* September 10, 1941

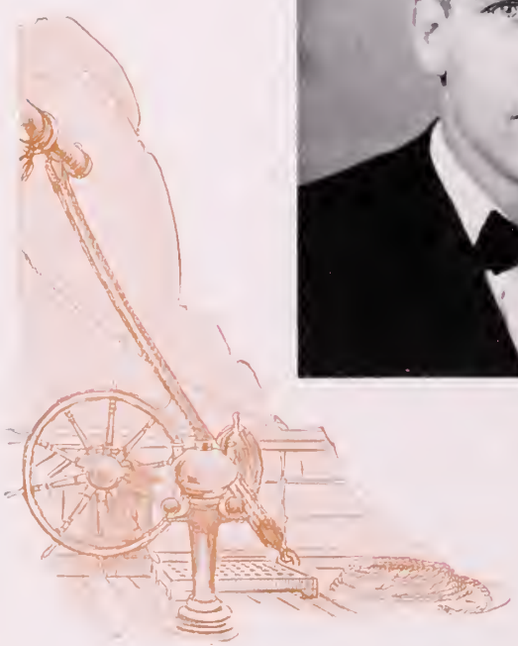
*Activities:* Wrestling Team '37; Staff, THE BINNACLE '41



ALFRED JAMES MADSEN
SEA BRIGHT, NEW JERSEY

*Departments:* Entered Apprentice Gallery December 1, 1936; transferred to Die Shop October 3, 1938; graduated as *Machinist* February 25, 1941

*Activities:* Football "A" '38; Squad '37, '39; Apprentice Minstrel '38, '40





# CLASS of 1941



JOHN WILLIAMS MASSENBURG, JR.
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Apprentice Gallery August 25, 1936; transferred to Machinery Drawing Room October 17, 1938; graduated as *Machinery Draftsman* October 4, 1941



GEORGE EDWARD MEANLEY
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Ship Fitters December 14, 1937; transferred to Mold Loft June 12, 1939; transferred to Ship Fitters March 11, 1940; graduated as *Ship Fitter* December 16, 1941

*Activities:* Baseball Team '39, '40

*Offices:* Vice-Chairman, Activities' Committee, '41; Assistant Manager, Baseball, '39; Manager, Baseball, '40



EARL JOHN MEEHAN
LILLY, PENNSYLVANIA

*Departments:* Entered Ship Fitters September 2, 1936; transferred to Mold Loft October 15, 1937; transferred to Hull Drawing Room June 16, 1939; transferred to Hull Technical Division August 18, 1941; graduated as *Hull Draftsman* December 5, 1941

*Activities:* Wrestling Team '37; Track Team '37, '38, '39, '40; Monogram Club '41; Drum Major, Band, '36, '37, '38, '39, '40; Apprentice Glee Club '38, '39; Staff, THE BINNACLE, '41; House League Basketball '40

*Offices:* Honor Council '39, '40, '41; Chief, Publicity Staff, '41; Board of Governors, Cotillion Club, '40, '41









# CLASS of 1941



GEORGE EDWARD MEESE
DOVER, OHIO

*Departments:* Entered Apprentice Gallery November 3, 1936; transferred to Hull Drafting Room October 13, 1937; transferred to United Fruit Company, New York, New York, September 9, 1940; returned to Hull Drawing Room September 15, 1941; graduated as *Hull Draftsman* November 26, 1941

*Activities:* Band '36, '37, '38, '39, '40, '41; Highest Academic Standing of Class



JAMES BLAKESLEE MONTGOMERY
HILTON VILLAGE, VIRGINIA

*Departments:* Entered Sheet Metal Shop July 7, 1936; transferred to Hull Drawing Room November 9, 1937; graduated as *Hull Draftsman* July 18, 1941

*Activities:* Band '36, '37, '38, '39, '40, '41; Staff, THE BINNACLE, '41

*Offices:* Quartermaster Sergeant, Band, '40; Lieutenant, Band, '41



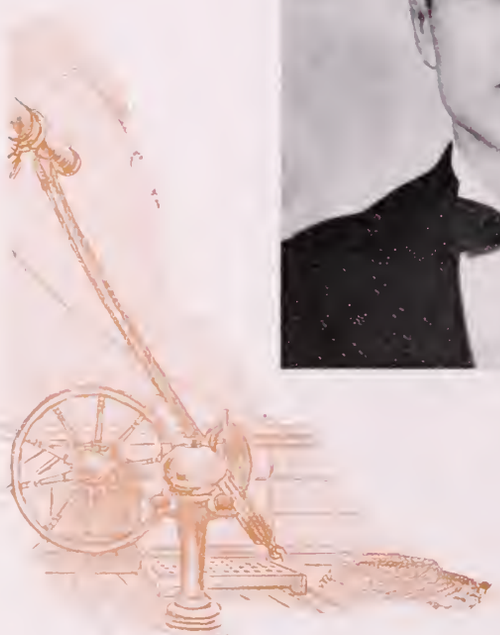
RAYMOND McNEIL NELSON
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Sheet Metal Shop February 4, 1936; transferred to Piping Drawing Room June 21, 1939; graduated as *Piping Draftsman* June 21, 1941

*Activities:* Football "A" '36, '37, '38, '39; Co-Captain, Football, '39; Wrestling Team '36, '37, '38; Apprentice Monogram Club '36, '37, '38, '39, '40, '41

*Offices:* Secretary, A. A. A., '39, '40; Honor Council '39; Secretary, Athletic Council, '39, '40; Nominating Committee, '38, '39, '40; Secretary, Monogram Club, '38, '39; President, Senior Class '41





# CLASS of 1941



VICTOR JOHN NICHOLLS, JR.
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Pattern Shop February 4, 1936; transferred to Machinery Drawing Room October 17, 1938; transferred to United Fruit Company, New York, New York, September 9, 1940; returned to Machinery Drawing Room September 15, 1941; graduated as *Machinery Draftsman* September 15, 1941

*Activities:* Wrestling Team '36, '37, '38, '39; Apprentice Minstrel '40; Apprentice Glee Club '39, '40



THERON HAROLD OSBORNE
HILTON VILLAGE, VIRGINIA

*Departments:* Entered Foundry February 19, 1935; transferred to Pattern Shop November 3, 1936; transferred to Machinery Drawing Room February 28, 1939; transferred to Piping Drawing Room September 11, 1940; graduated as *Piping Draftsman* February 28, 1941

*Activities:* Apprentice Glee Club '36, '37, '38, '39, '40; Apprentice Orchestra '35, '36; Band '36, '37, '38, '39, '40, '41

*Offices:* Secretary, Apprentice Glee Club, '35, '36

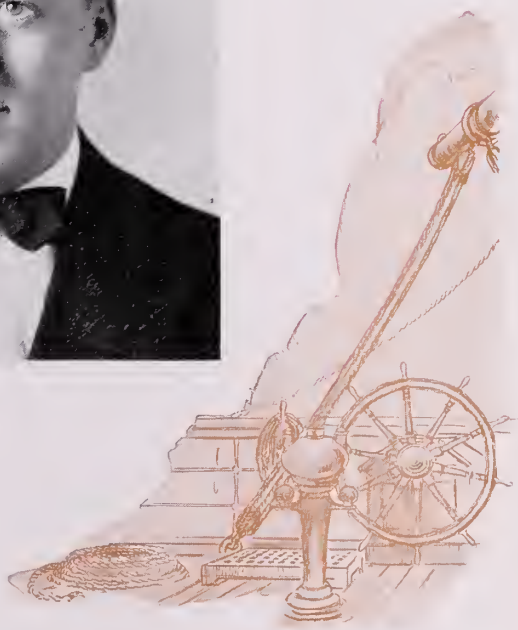


JOHN LEONARD PEDRICK
CHESTER, PENNSYLVANIA

*Departments:* Entered Apprentice Gallery September 24, 1935; transferred to Main Machine Shop May 26, 1936; transferred to Machinery Drawing Room February 6, 1939; graduated as *Machinery Draftsman* February 6, 1941

*Activities:* Apprentice Minstrel '37, '38, '39; Apprentice Glee Club '38, '39





# CLASS of 1941



D'ARCY EMORY PHILLIPS
HURLOCK, MARYLAND

*Departments:* Entered Electricians September 3, 1936; transferred to Machinery Drawing Room October 17, 1938; graduated as *Machinery Draftsman* September 15, 1941

*Activities:* Apprentice Glee Club '38, '39, '40; Staff, THE BINNACLE, '41

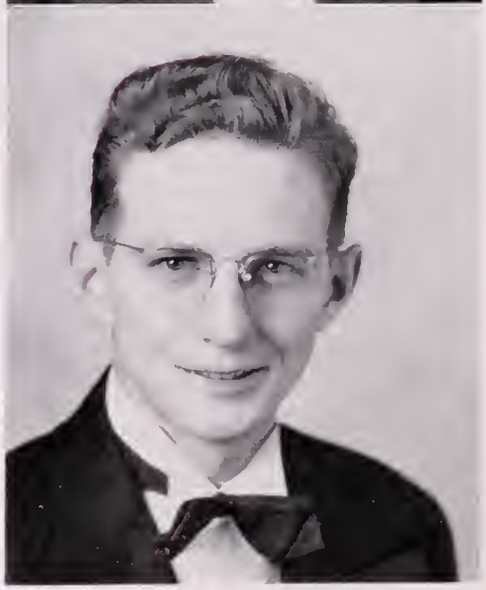


JACK WESLEY POLICK
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Apprentice Gallery November 3, 1936; transferred to Hull Drawing Room February 14, 1938; graduated as *Hull Draftsman* December 10, 1941

*Activities:* Football Squad '37, '38, '39; Track Team '37, '38; Staff, *The Broad A*, '38, '39, '40, '41; Apprentice Glee Club '38, '39; Apprentice Minstrel '38, '39; Apprentice Double Quartette '41; Staff, THE BINNACLE, '41

*Offices:* Editor-in-Chief, *The Broad A*, '41; Sports Editor, THE BINNACLE, '41



MARCUS FRANCIS RITGER, JR.
BALTIMORE, MARYLAND

*Departments:* Entered Shipwrights March 31, 1936; transferred to Ship Carpenters October 27, 1936; transferred to Hull Drawing Room October 17, 1938; graduated as *Hull Draftsman* April 6, 1941

*Activities:* Staff, *The Broad A*, '37, '38, '39, '40, '41; Staff, THE BINNACLE, '41

*Offices:* Circulation Manager, *The Broad A*, '38, '39; Assistant Editor, *The Broad A*, '39, '40; Editor-in-Chief, *The Broad A*, '40, '41; Assistant Business Manager, THE BINNACLE, '41







RAYMOND EDWARD SNOW, II
PHOEBUS, VIRGINIA
(Died November 25, 1941)

*Departments:* Entered Electricians August 4, 1936; transferred to Electrical Drawing Room March 22, 1938; graduated as *Electrical Draftsman* July 19, 1941

*Activities:* Track Team '37, '38; Electricians Club '36, '37, '38, '39; Staff, THE BINNACLE, '41

# CLASS of 1941



ALFRED SOTER
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Apprentice Gallery February 16, 1937; transferred to Plumbing Machinists April 3, 1939; graduated as *Machinist* February 15, 1941

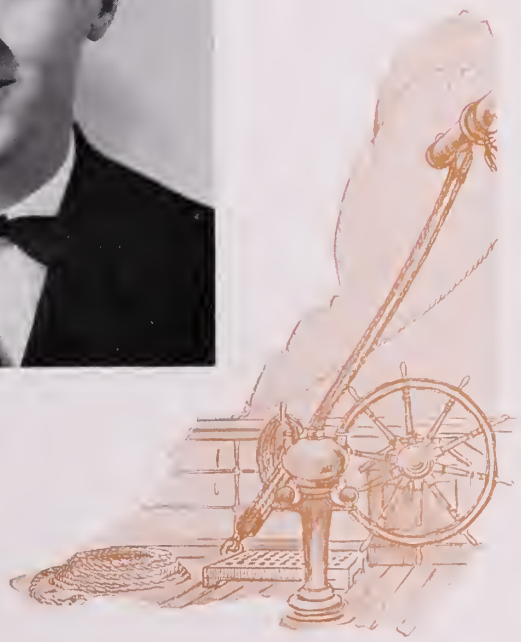
*Activities:* Apprentice Minstrel '37, '38, '39



JIM FRANK STEEL
GRIFFIN, GEORGIA

*Departments:* Entered Sheet Metal Shop March 16, 1937; graduated as *Sheet Metal Worker* September 9, 1941





# CLASS of 1941



JAMES STEWART, JR.
NORFOLK, VIRGINIA

*Departments:* Entered Boilermakers February 24, 1937; graduated as *Boilermaker* March 24, 1941

*Activities:* Football "A" '37, '38; Squad '39, '40



WILLIAM FAUCETTE SWIFT, JR.
WAYNESVILLE, NORTH CAROLINA

*Departments:* Entered Boilermakers September 23, 1937; transferred to Die Shop June 12, 1939; graduated as *Machinist* October 28, 1941

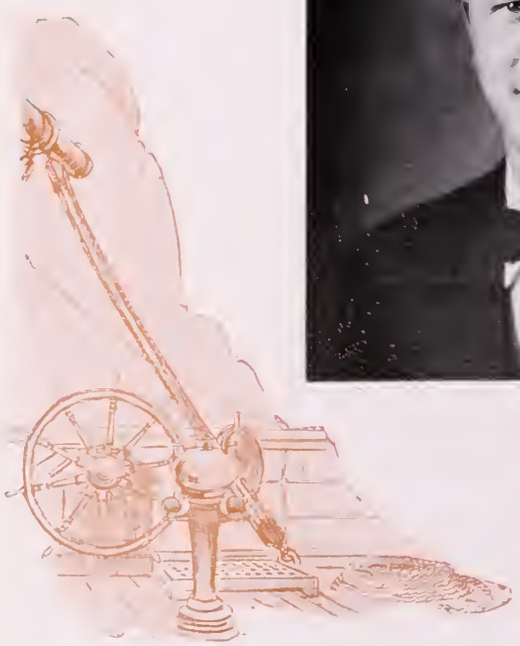
*Activities:* Football Squad '38, '39



MAYNARD RANDOLPH TRULL
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Copper Shop February 4, 1936; transferred to Piping Drawing Room June 14, 1939; graduated as *Piping Draftsman* June 13, 1941

*Activities:* Football Usher '36, '37, '38, '39, '40; Staff, *The Broad A*, '37





# CLASS of 1941



JOHN LAURENCE WOOD, JR.
NEWPORT NEWS, VIRGINIA

*Departments:* Entered Copper Shop January 14, 1936; transferred to Piping Drawing Room February 6, 1939; graduated as *Piping Draftsman* March 4, 1941

*Activities:* Track Team '36, '37, '38, '39; Wrestling Team '37, '38



JOHN MOSES COCHRAN, JR.
HILTON VILLAGE, VIRGINIA

*Departments:* Entered Ship Fitters January 7, 1936; transferred to Mold Loft August 4, 1936; transferred to Ship Fitters January 11, 1937; transferred to Hull Drawing Room February 2, 1937; graduated as *Hull Draftsman* January 10, 1941



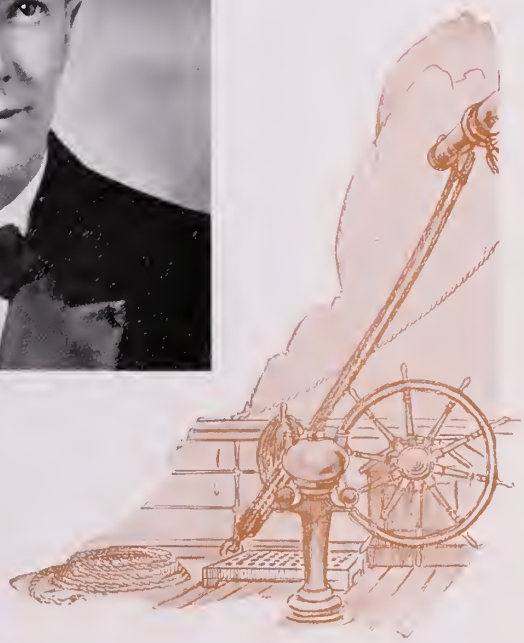
JOHN MILLER FERGUSON, JR.
TOWSON, MARYLAND

*Departments:* Entered Apprentice Gallery September 22, 1936; transferred to Steam Engineers February 6, 1939; graduated as *Machinist* March 1, 1941









# CLASS of 1941



JOHN BUEL MOORE, JR.
NEWPORT NEWS, VIRGINIA

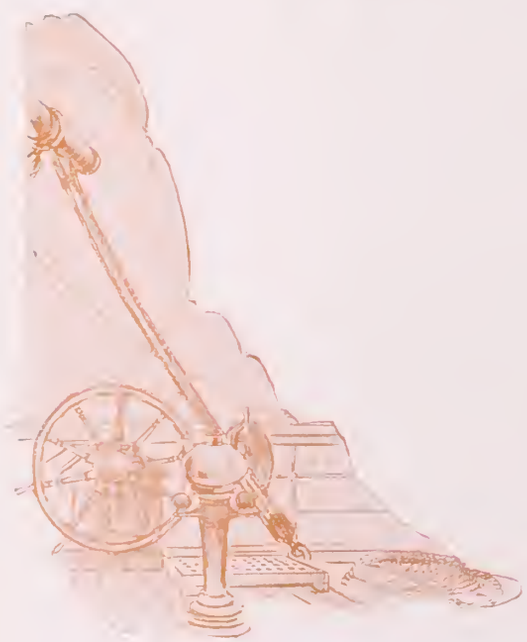
*Departments:* Entered Apprentice Gallery March 5, 1936; transferred to Plumbing Machinists October 15, 1936; transferred to Hull Drawing Room February 2, 1937; graduated as *Hull Draftsman* March 7, 1941



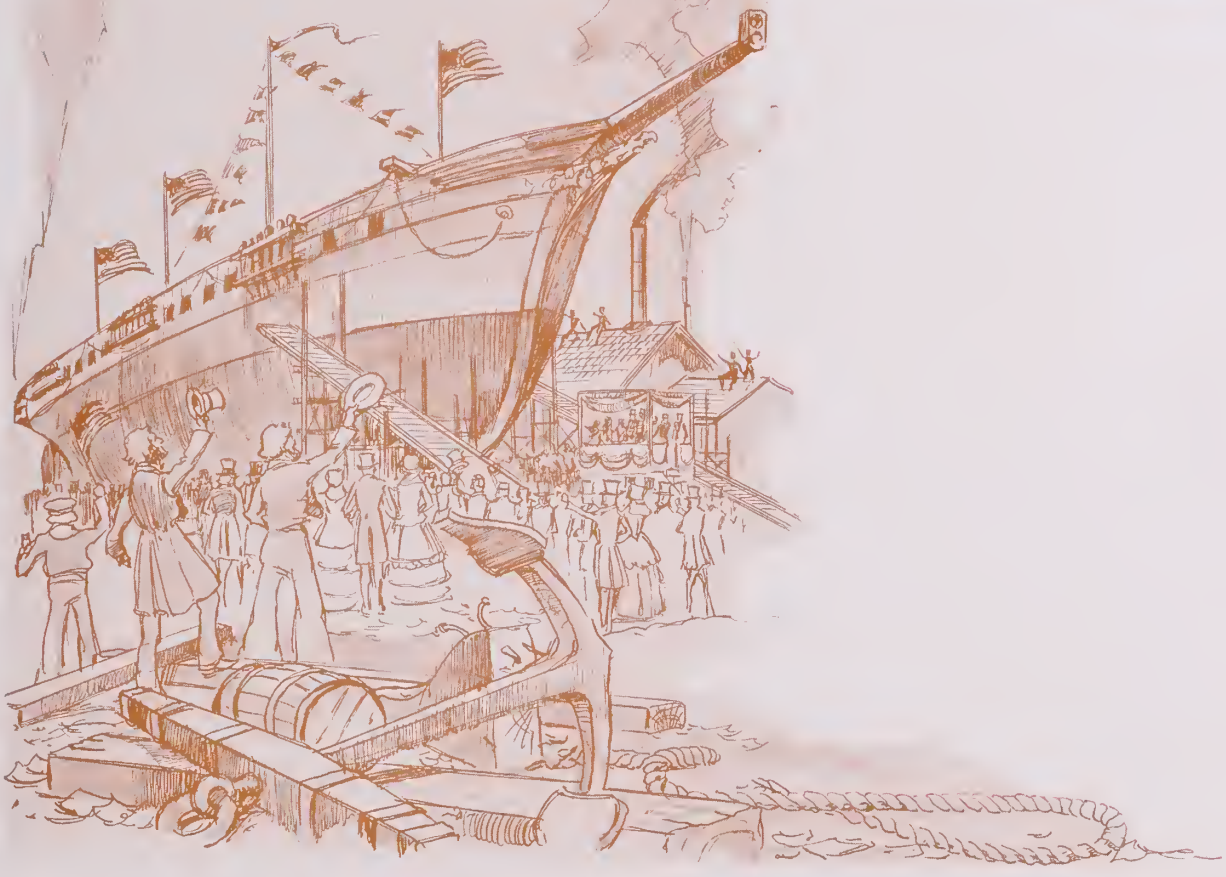
JOHN BENJAMIN BRITT
PORTSMOUTH, VIRGINIA

*Departments:* Entered Sheet Metal Shop February 23, 1937; graduated as *Sheet Metal Worker* April 5, 1941





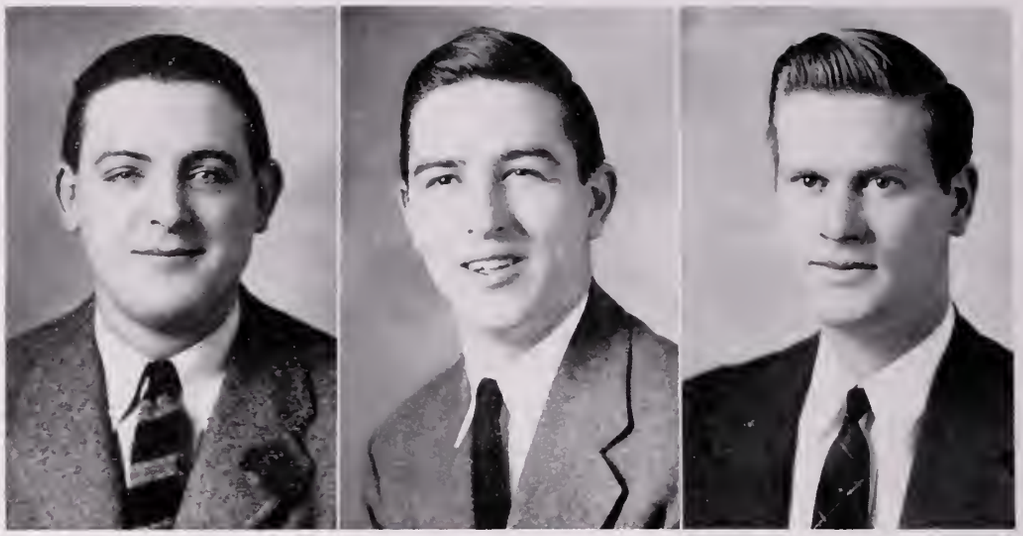
# CLASS OF 1942



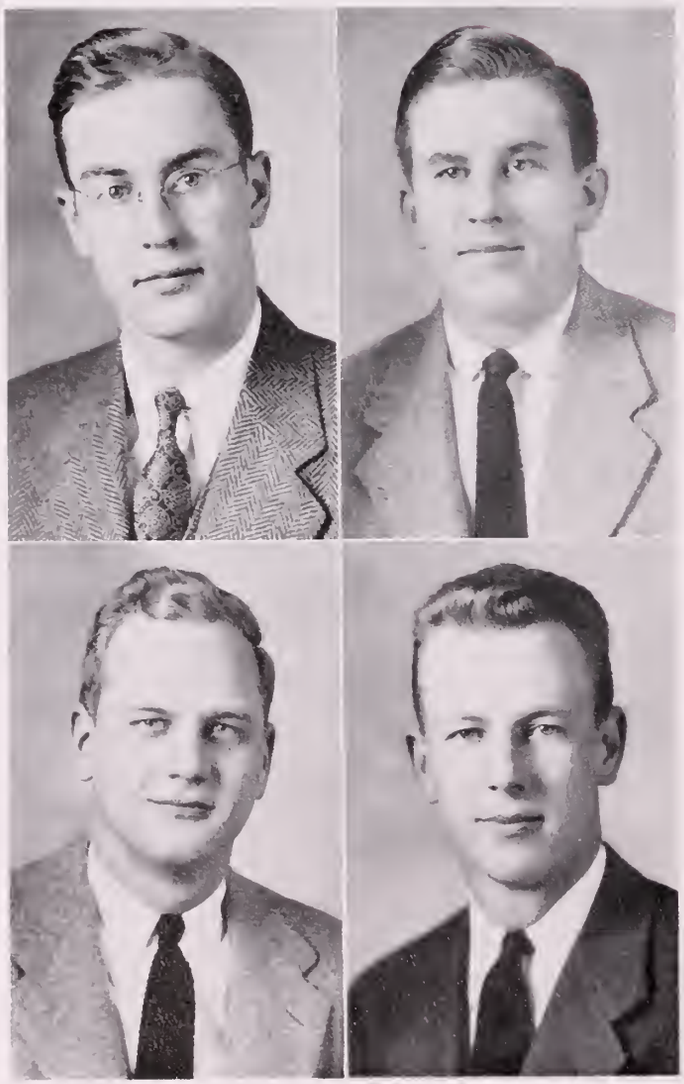
GEORGE FREDERICK ABELE, JR.
HAMPTON, VIRGINIA
*Machinist*

WILLIAM BICKFORD ASHE, JR.
HAMPTON, VIRGINIA
*Hull Technical Draftsman*

JAMES DONALD BAXTER
HILTON VILLAGE, VIRGINIA
*Piping Draftsman*



# THE CLASS of 1942

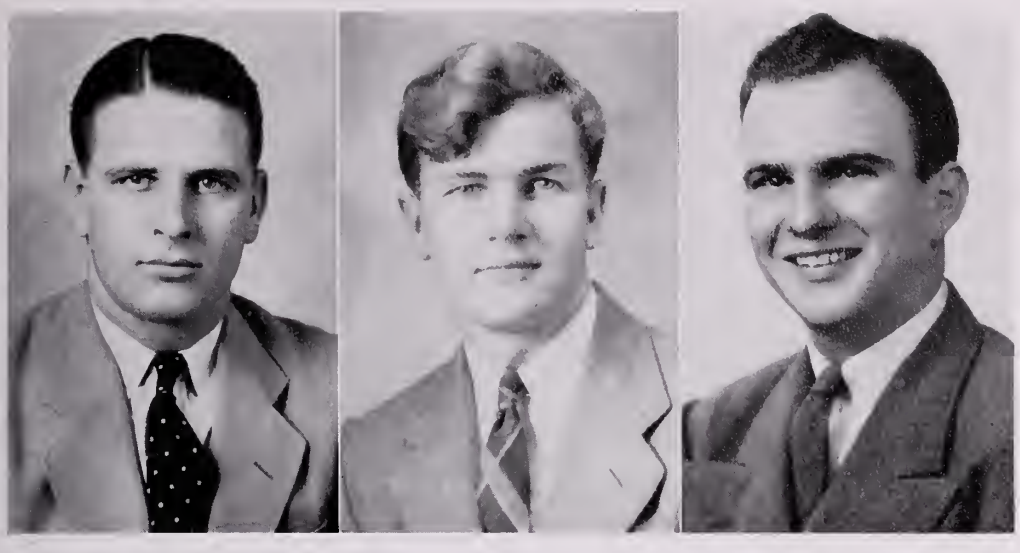


RICHARD BROAD, JR.
HAMPTON, VIRGINIA
*Machinist*

JOHN FREDERICK CARDOZA
HILTON VILLAGE, VIRGINIA
*Molder*

RAYMOND MICAJAH CHALLONER, JR.
HILTON VILLAGE, VIRGINIA
*Hull Draftsman*

ROBERT TOWNLEY COWLING
NEWPORT NEWS, VIRGINIA
*Mold Loftsman*

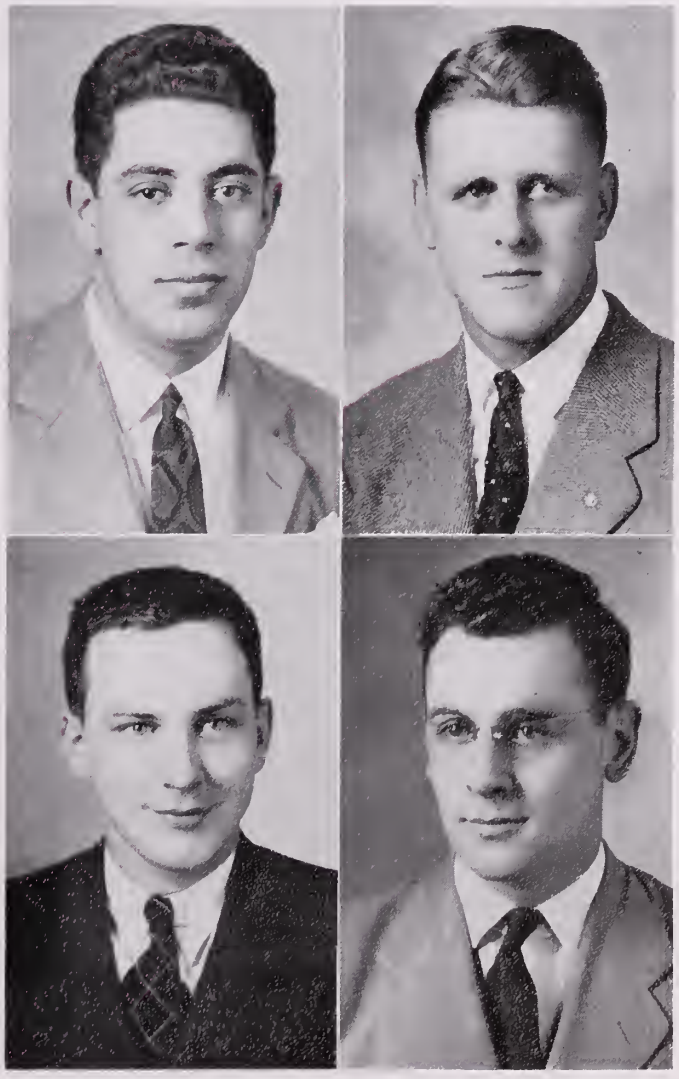


ALLEN LENARD DAVIS, JR.
HAMPTON, VIRGINIA
*Boilermaker*

JACK MILSTEAD DYKE
HAMPTON, VIRGINIA
*Machinist*

JAMES WENDELL EAMES
NEWPORT NEWS, VIRGINIA
*Mold Loftsman*

# THE CLASS of 1942



GEORGE ALBERT ELLIS, JR.
NEWPORT NEWS, VIRGINIA
*Hull Draftsman*

MORDECAI WALLAR GAYLE, III
NEWPORT NEWS, VIRGINIA
*Ship Carpenter*

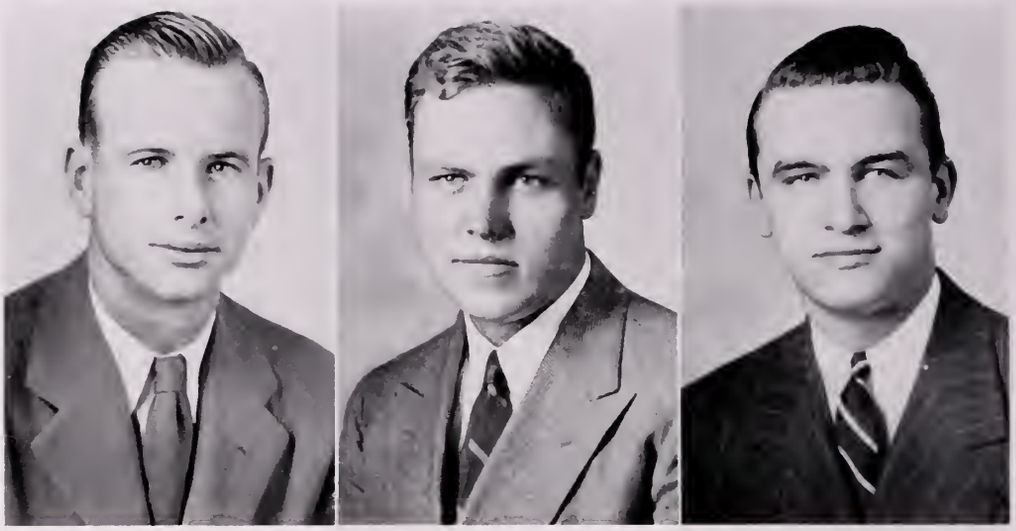
ALFRED ERNEST GRAHAM
BROOKLYN, NEW YORK
*Machinery Draftsman*

LESLIE CECIL HICKS
JOLIET, ILLINOIS
*Machinery Draftsman*

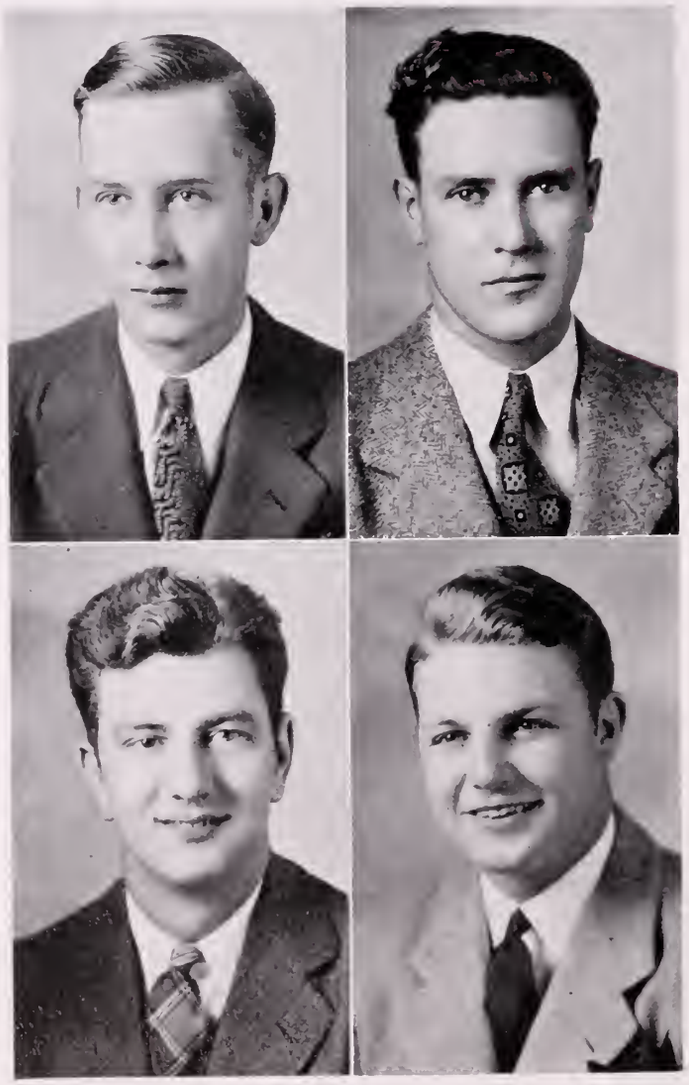
JOSEPH PATRICK MASSEY
PORTSMOUTH, VIRGINIA
*Sheet Metal Worker*

WILLIAM LOVE MASSIE
WINCHESTER, VIRGINIA
*Ship Fitter*

HAROLD YOUNG McCULLOCH
NEWPORT NEWS, VIRGINIA
*Painter and Decorator*



# THE CLASS of 1942

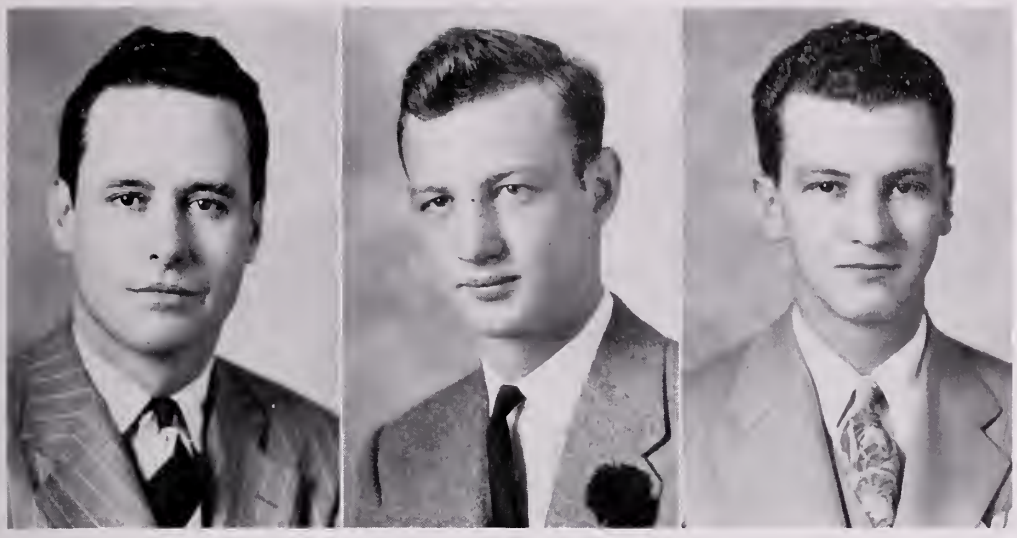


THOMAS HUGH MINOR
LIGHTFOOT, VIRGINIA
*Ship Fitter*

JAMES MONROE MUNDEN
PROVIDENCE FORGE, VIRGINIA
*Millwright*

WILBUR FRANCIS PELEAUX
MINNEAPOLIS, MINNESOTA
*Hull Draftsman*

JOHN WELSEY RAYFIELD
NEWPORT NEWS, VIRGINIA
*Boilermaker*

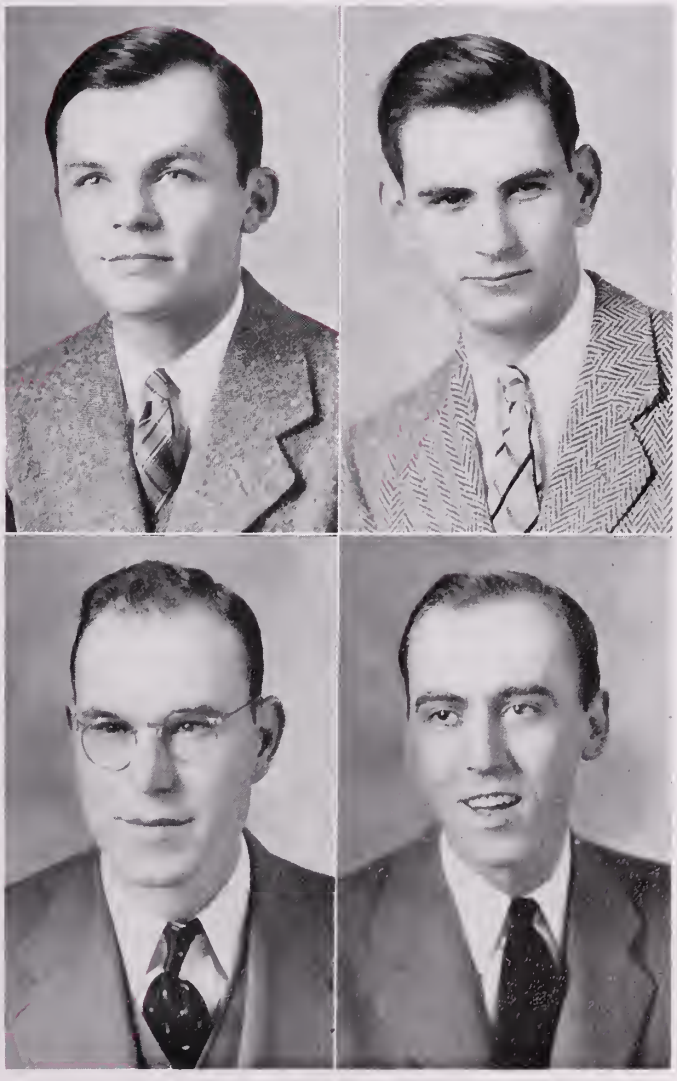


KEMP ELLIOTT SAVAGE, JR.
NORFOLK, VIRGINIA
*Hull Draftsman*

ELMON LEE SCOTT, JR.
NEWPORT NEWS, VIRGINIA
*Toolmaker*

JOHN PETER SEROYER
ROANOKE, ALABAMA
*Piping Draftsman*

# THE CLASS of 1942



ROBERT WALKER SILLING, JR.
SMITHFIELD, VIRGINIA
*Hull Draftsman*

WILLIAM THOMAS STEPHENSON, JR.
NEWPORT NEWS, VIRGINIA
*Hull Draftsman*

DOZIER AUGUSTUS SUTTON
HERTFORD, NORTH CAROLINA
*Piping Draftsman*

HERMAN BAXTER WEST, JR.
NEWPORT NEWS, VIRGINIA
*Hull Draftsman*

WALTER HOWARD WISEMAN, JR.
Hilton Village, Virginia
*Ship Fitter*

DONALD EUBANK WRIGHT
Newport News, Virginia
*Machinist*

JESSE JAMES YON
Woodford, South Carolina
*Holder*







## THE CLASS of 1942

# CLASS OF 1943



# CLASS of 1943



GRANVILLE OWENS ADAMS

ROBERT WHITE ADAMS

DAVID McARTHUR AHEARN

RICHARD ALLERTON

JASON LESTER ATKINS

THOMAS WILLIAM AYRES, JR.

DONALD KNIGHT BAILEY

JAMES HUBERT BARTLEY

BRUCE WALKER BATSON

ALEXANDER BOWMAN BAXTER

WESLEY TURNER BERRYMAN, JR.

JOHN ARTHUR BLAIR

HATTY BENJAMIN BLAND

CHARLIE MULLIS BOWMAN

FRANK BREMNER

MILTON DAVID BRENNER

WILLIAM CLAUDIUS BRINN

GORDON VINCENT BROWN

HERMAN MORRISSEY BROWN, JR

WILLARD STANLEY BULL, JR.

ALEX CLAYTON CARMEAN

ARCHIE MAXWELL CARROLL

ROSCOE FESTUS CARTIN, JR.

JOHN HAROLD CATE

EDWARD CICKAVAGE

WILLIAM WITEMAN CLENDENEN

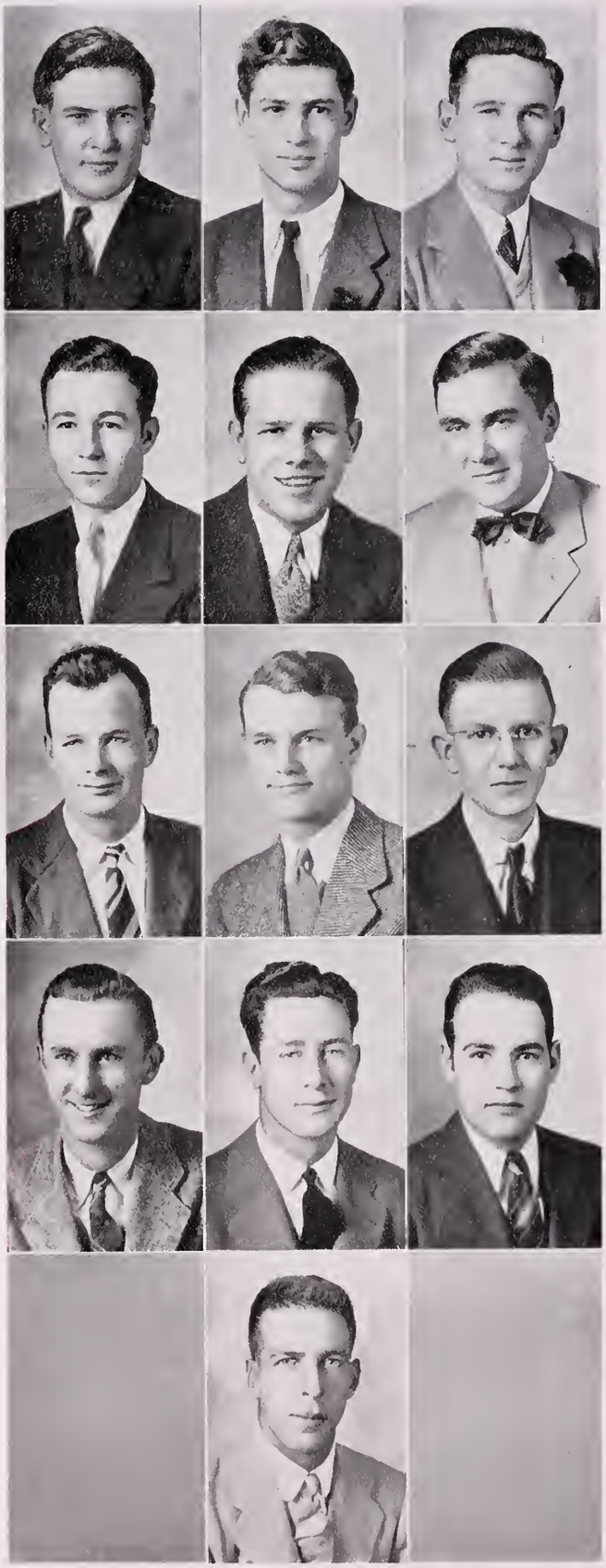




CLASS
of 1943



# CLASS of 1943



GEORGE CORBIN CLUVERIUS, JR.

JESSE JAMES COOPER

WILLIAM ARTHUR CRANE

GEORGE MITCHEM CROCKER, JR.

MARION RUSSELL CUTCHINS

JOHN CHRISTIE DAVENPORT

BERT FRAZIER DAWSON

WALTER TYLER DICKINSON

LUTHER F. EDWARDS, JR.

JOHN JOSEPH EKEN

CLAUDE ALVA ELEY

WIALLIAM STEPHEN EUBANK

ONSLOW HENRY EVANS

DAVID MONROE FITZGERALD

GUY PERSHING FOLDS

ROBERT HILTON FORD



ROBERT HENRY GAY

CHARLES CLINTON GILMAN

WALTER CHELTON GIVENS



JOSEPH FRANCIS GREGORY

WATSON GIDDINGS GUY

LAMATEAU WYATT HALL, JR.



RAYMOND THORNTON HARRIS

JOE THOMAS HARRISON

JOHN FRAZIER HENDERSON



WILLARD LOUIS HIGGINBOTHAM





CLASS of 1943

CLASS
of 1943



FELIX MATTHEW HOFFMAN, JR.

CHARLES ALFRED HUFFMAN, JR.

CLOID MASSIE HUMPHREYS

ARTHUR ANDREW HUNDLEY

WILLIAM KELSOR HUNT

GORDON THAYER IKNER

ALVIN THOMAS JOHNSON

WILLIAM FRANK JONES, JR.

EVERETT CAREY JORDAN

EDGAR BRUCE KASTELBERG

GEORGE WEBSTER KEANE

MELVIN KYSER KILPATRICK

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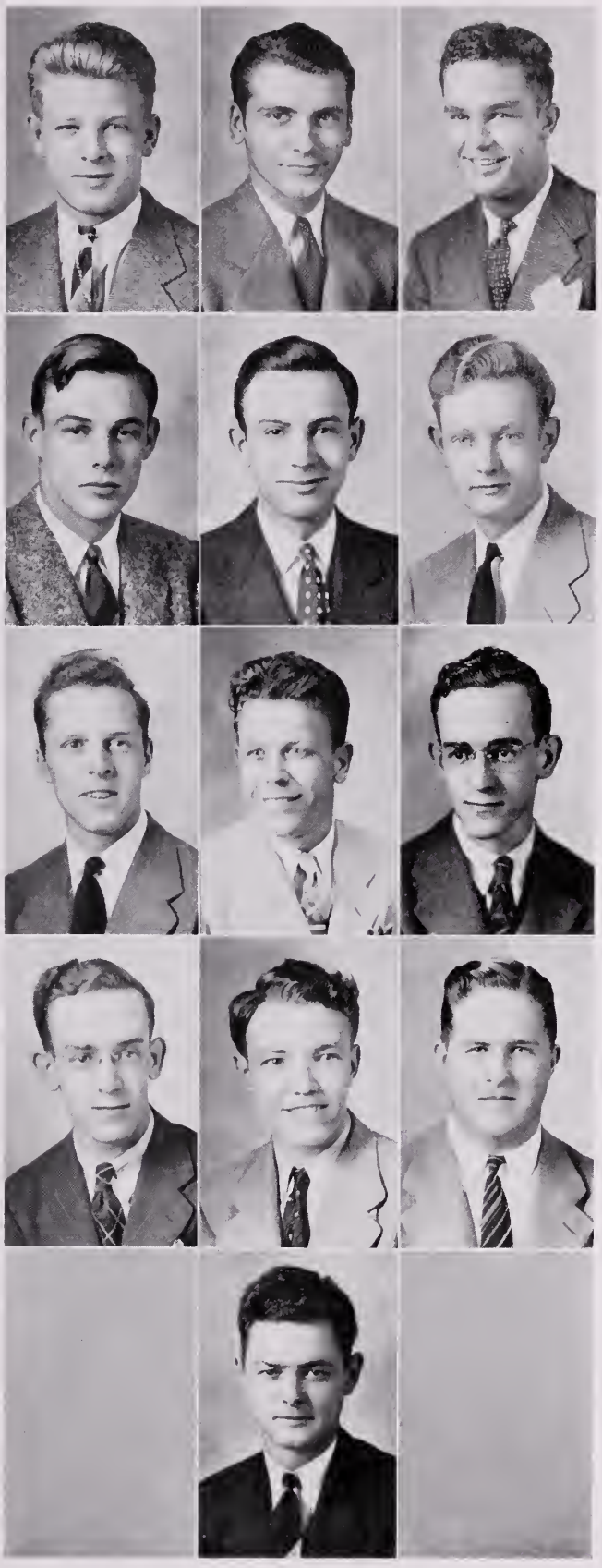
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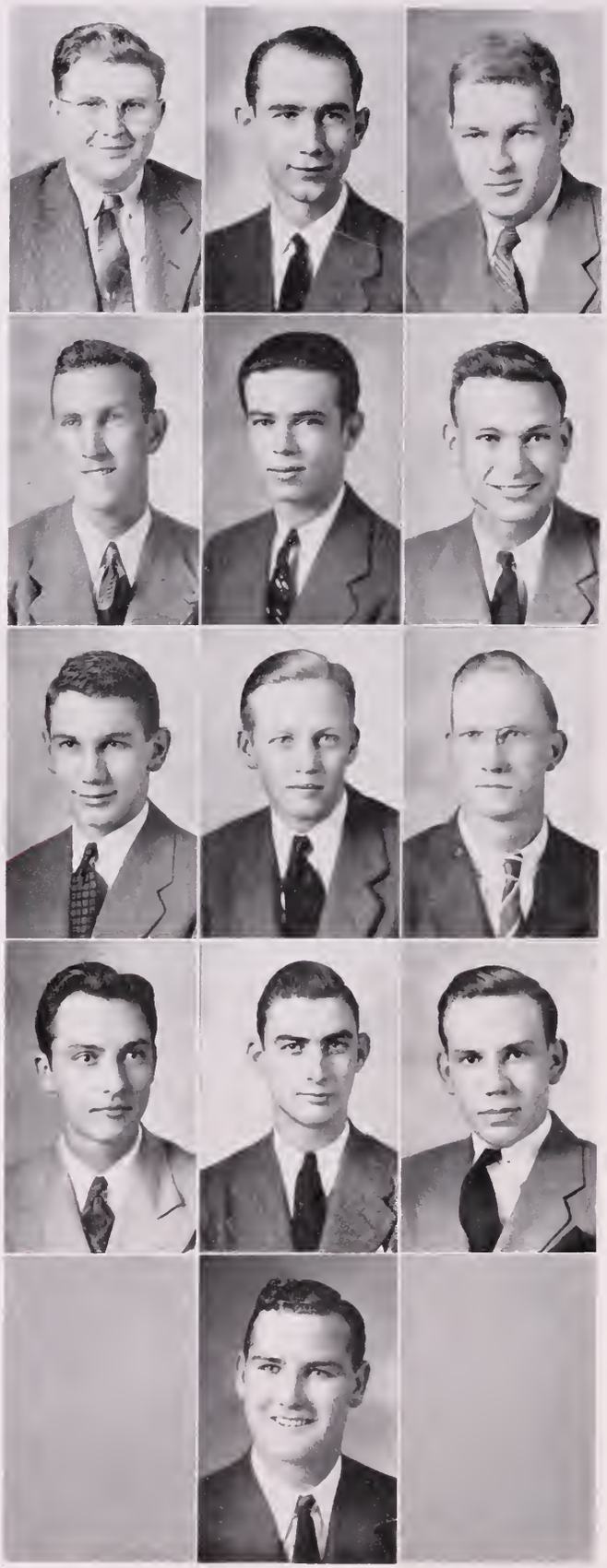
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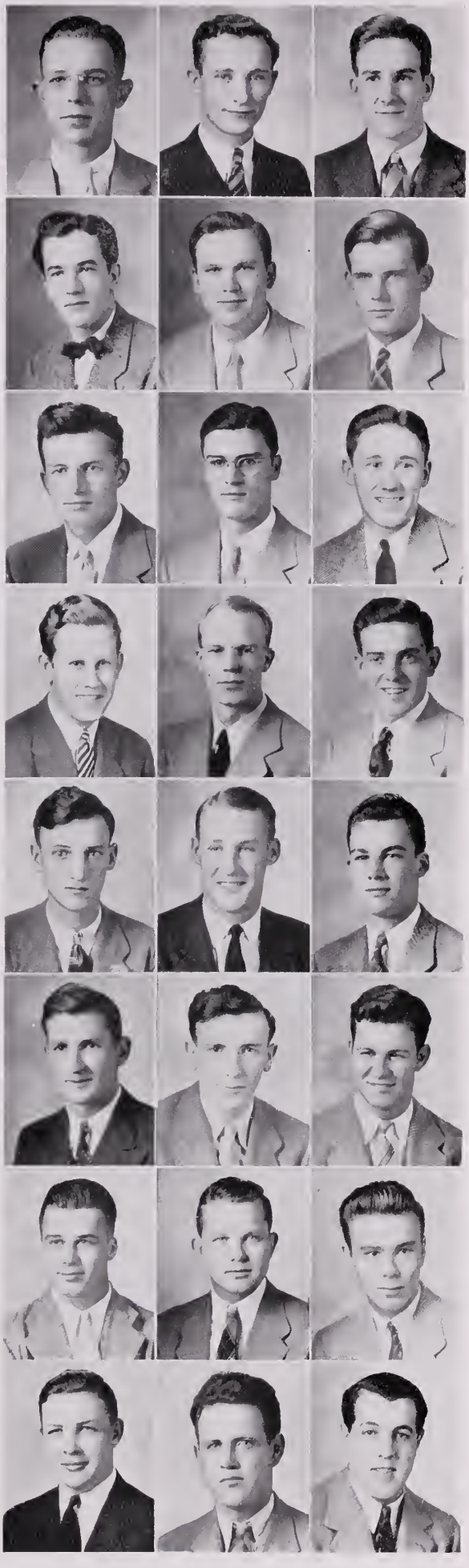
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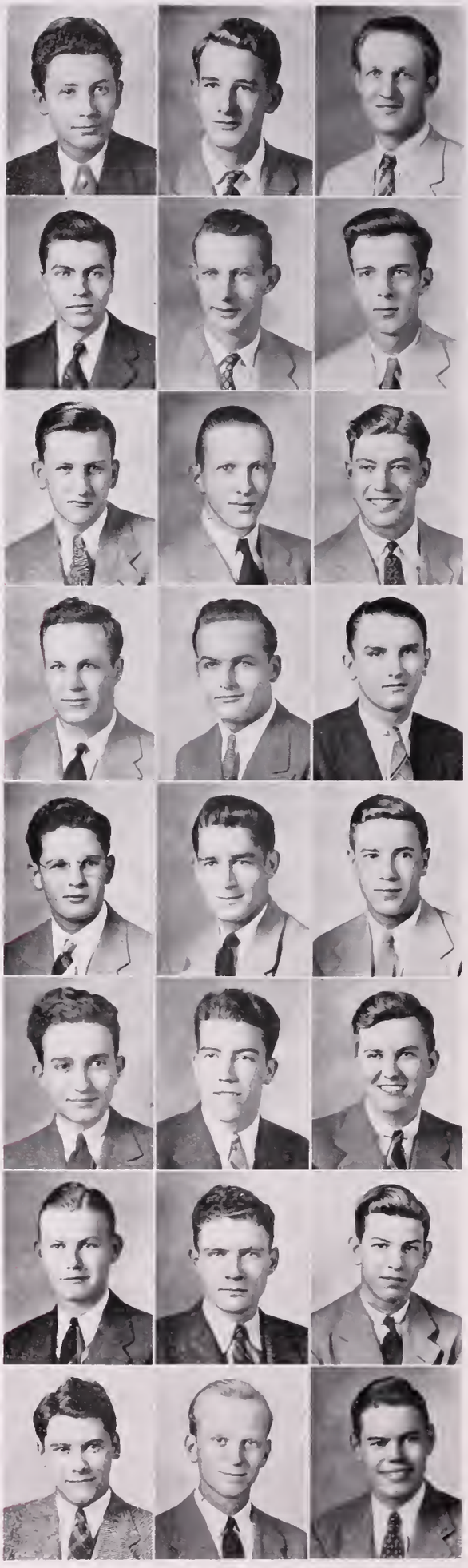
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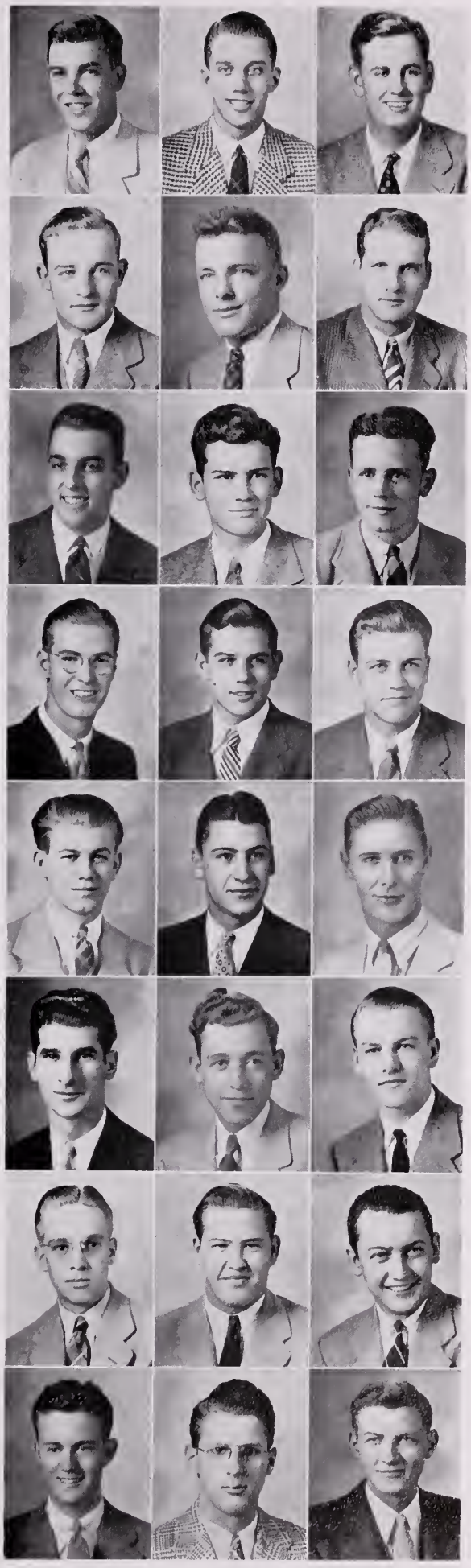
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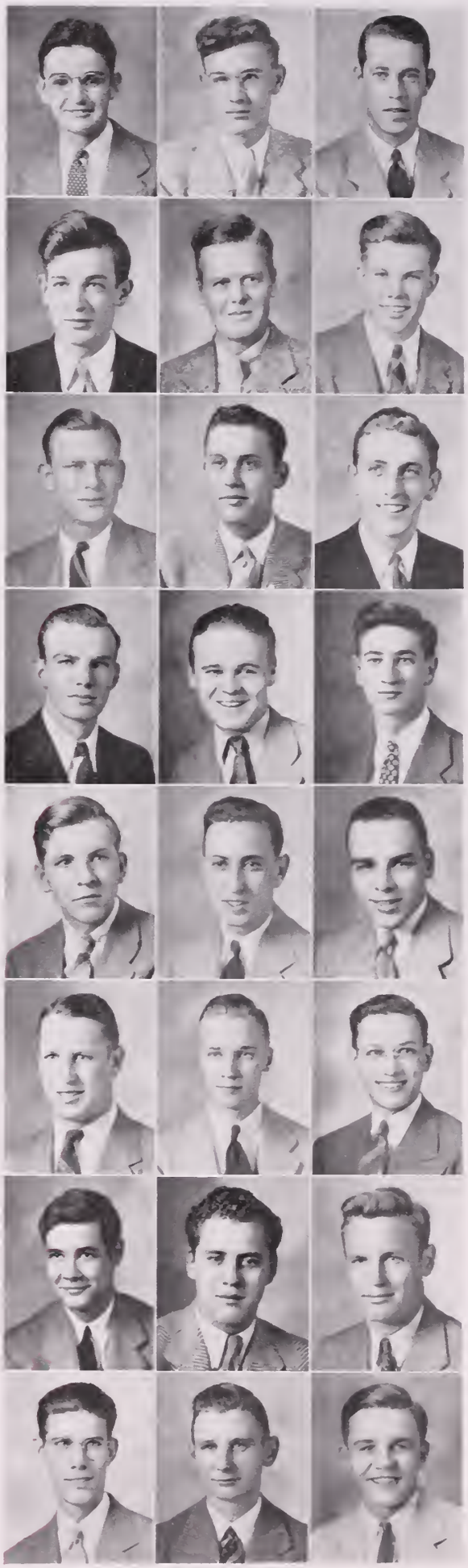
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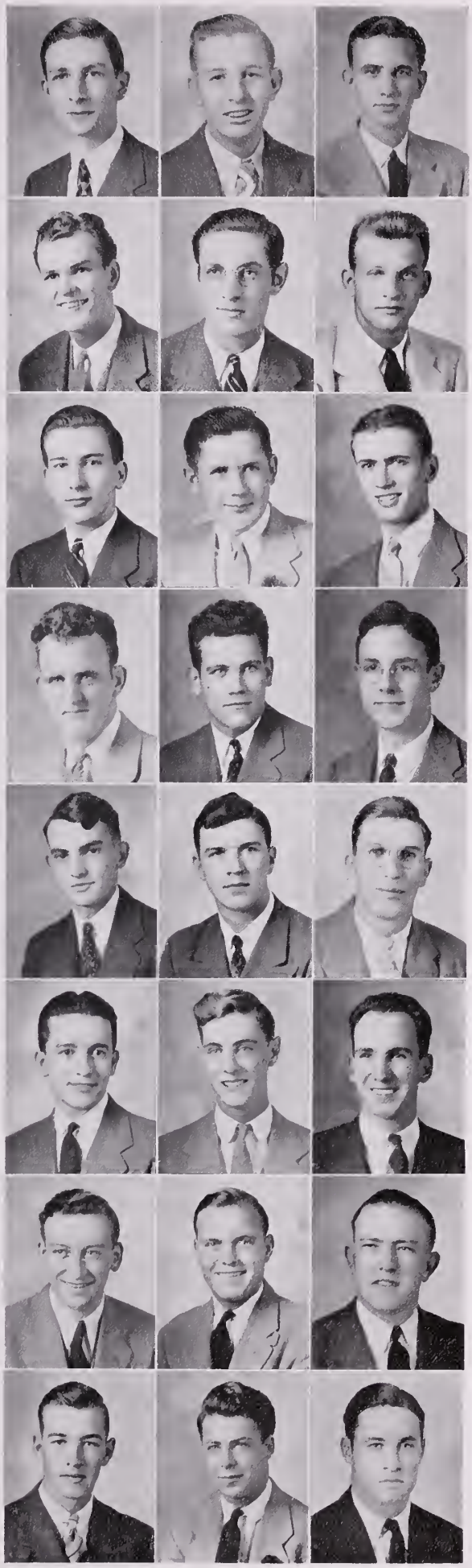
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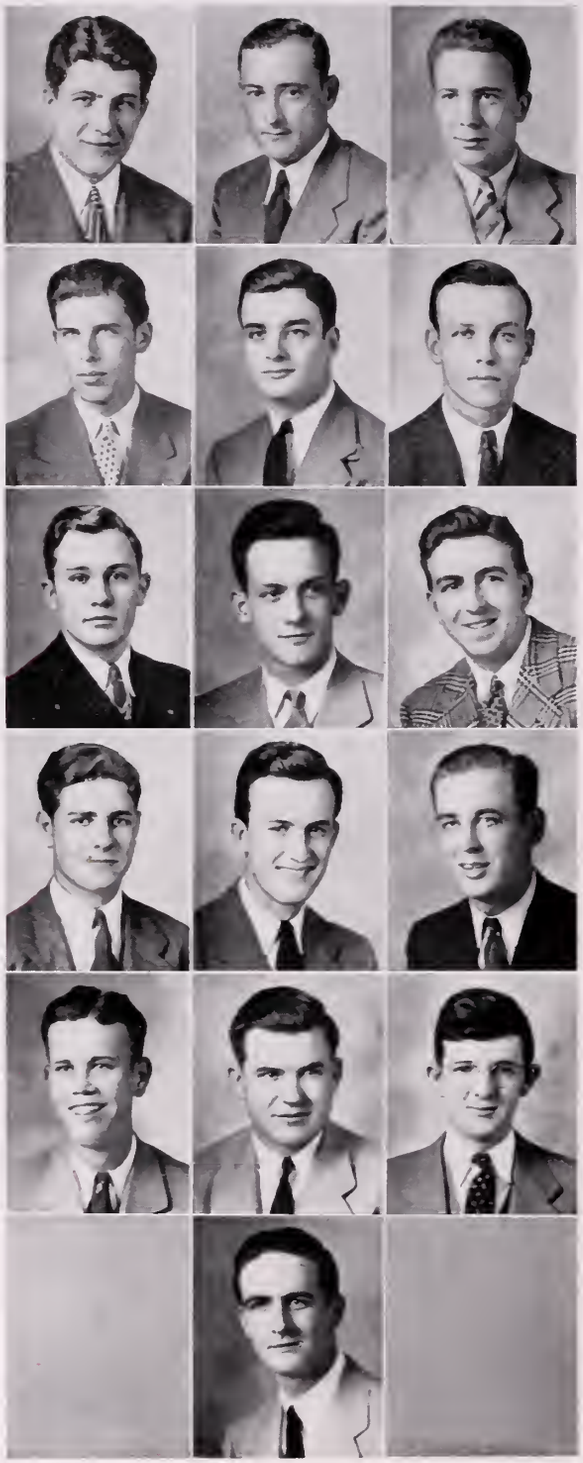
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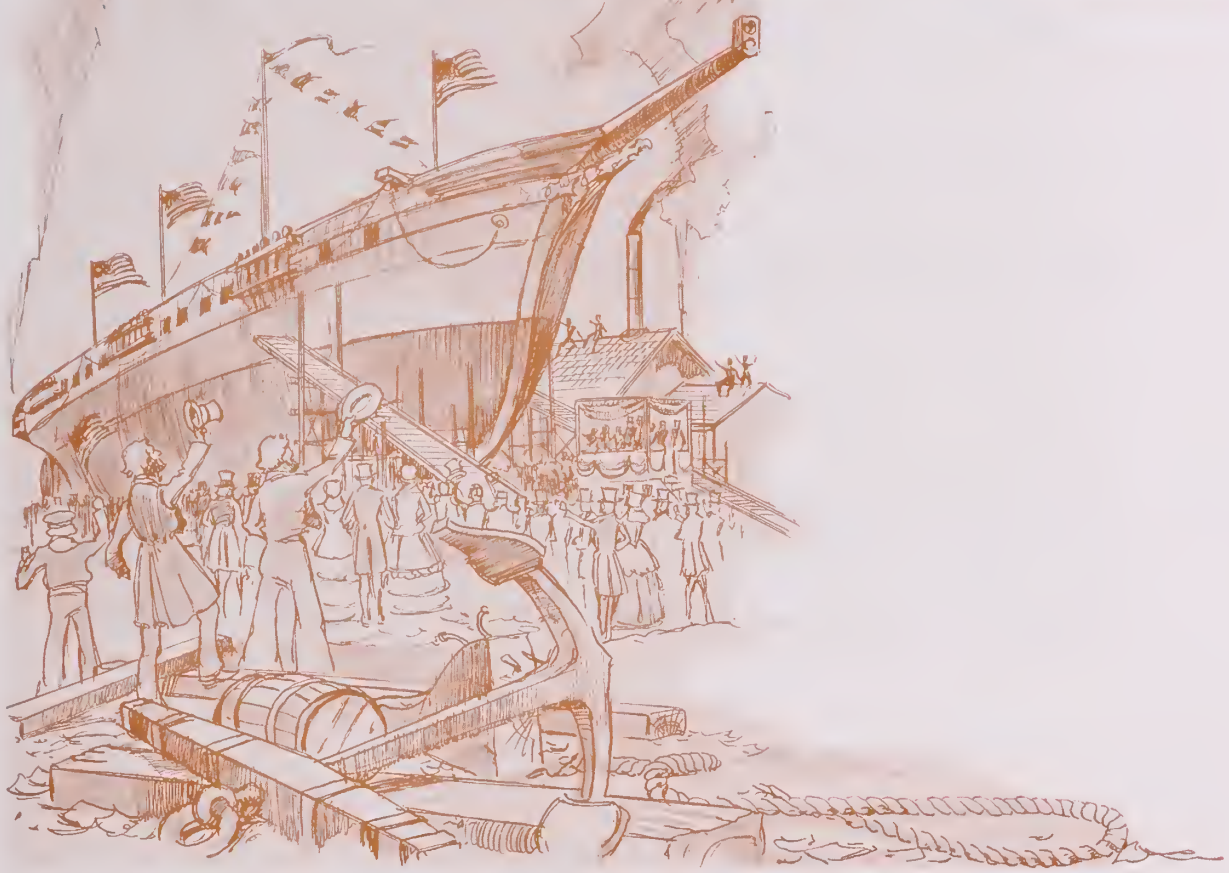
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VERNARD LAYDON WORRELL, JR.

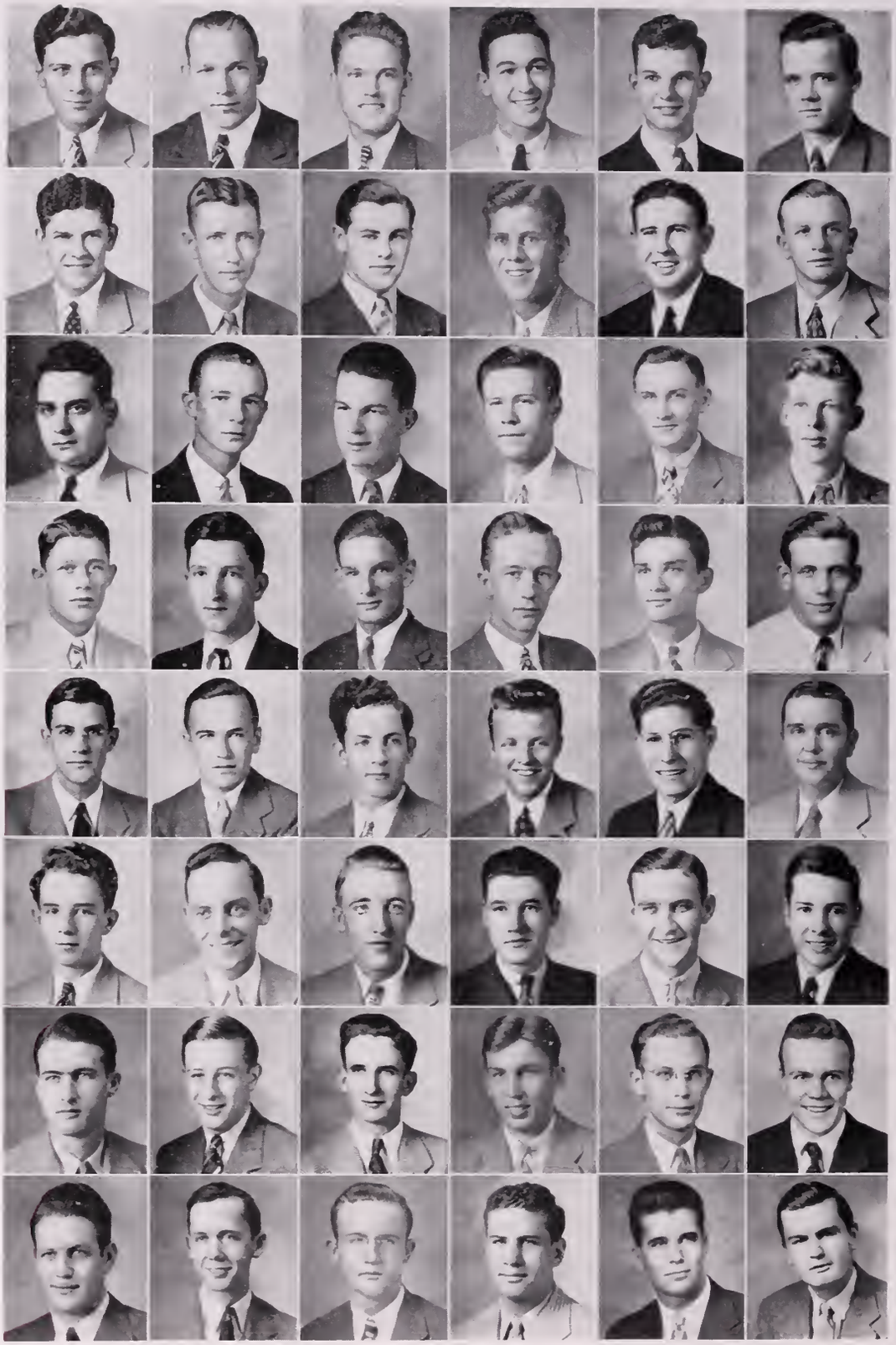
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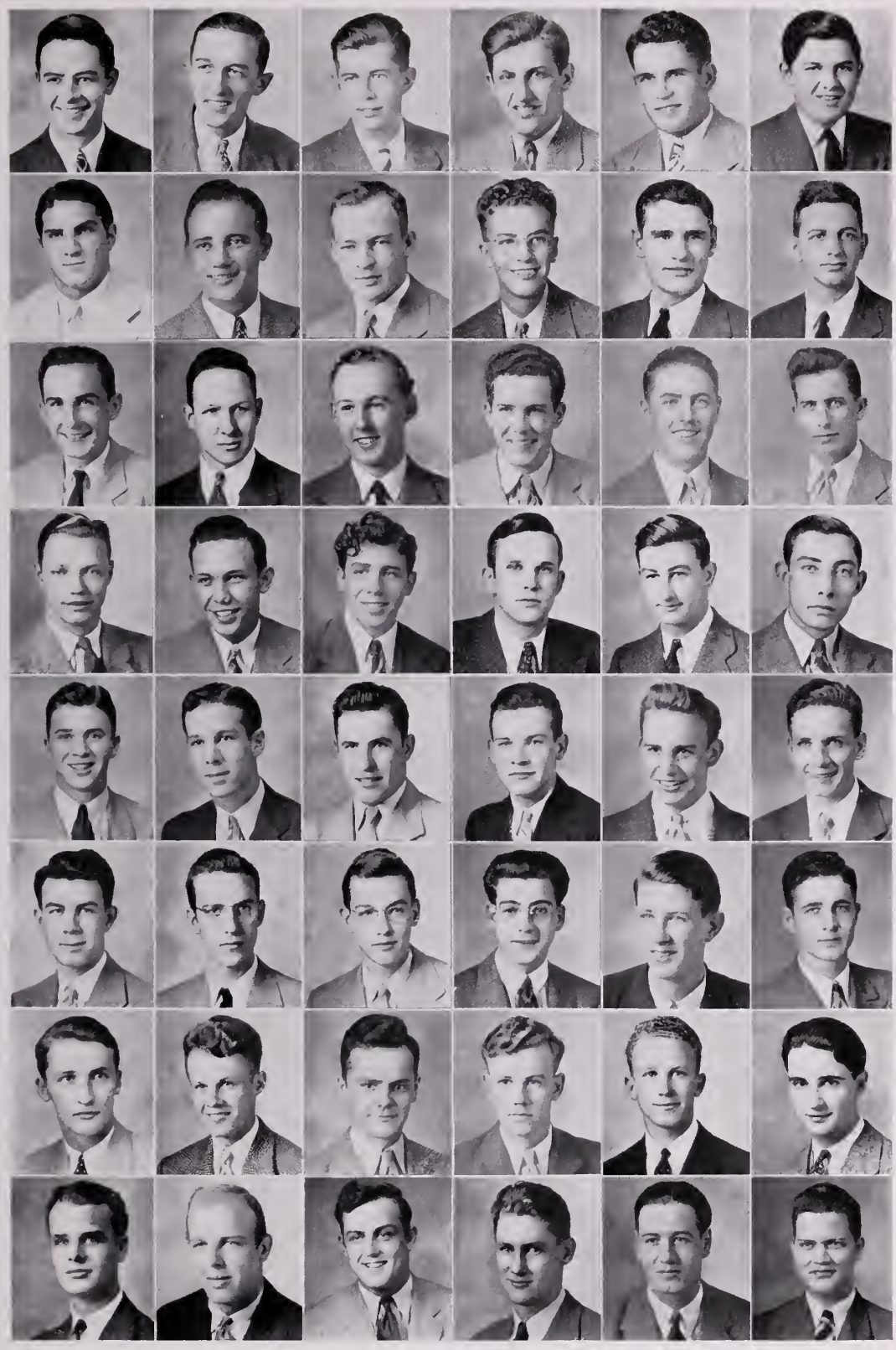
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*Feature Editor*

# THE BINNACLE



SOON after the first issue of *The Broad A* was published in 1937, the same ambitious staff began to think of something bigger and better than a monthly newspaper. It was an Apprentice Year Book. The topic was discussed among members of the staff, and the question put before the proper authorities, but at the time such a publication seemed impracticable, and it was considered best that the proposed year book should wait. Nothing more was said concerning an annual, but the vision remained in the minds of a few who believed that such a dream could be made a reality, and that few refused to part with the idea.

A year later the question was again discussed, but nothing was accomplished and it remained in a state of dormancy until the spring of 1941 when it was reconsidered and placed before the school authorities. Permission was granted to appoint a staff, and preliminary work was begun on the publication. Raymond E. Snow was named Editor-in-Chief with Laird Loftis and Reid Hudson as Associate Editors. Otto Horstmann was elected

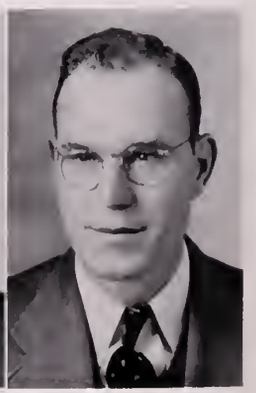




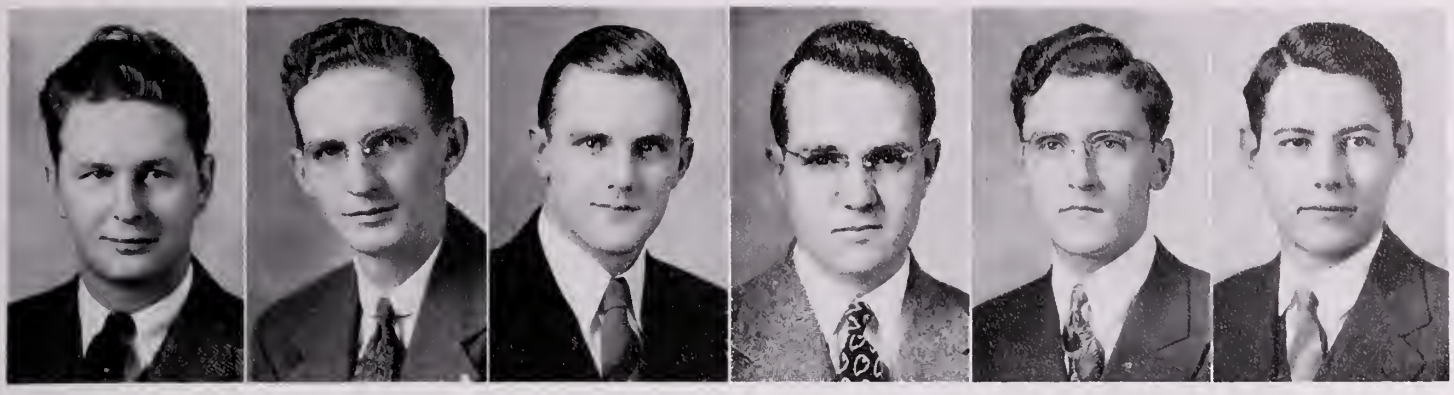
Frank Horan
*Business Staff*



Earl J. Meehan
*Business Staff*



Dozier A. Sutton
*Business Staff*



Wm. C. Kutschinski
*Circulation Manager*

Marcus F. Ritger, Jr.
*Asst. Business Manager*

James B. Montgomery
*Staff Photographer*

Richard A. Eggleston
*Staff Photographer*

Alfred O. Luning
*Advertising Manager*

D'Arcy E. Phillips
*Business Staff*

Business Manager, and had as his assistant, Marcus Ritger. The Art Editor, George Ellis, was assisted by Leland Clarke and Jack Milnes. Jack Polick was elected Sports Editor, and James Walker, Assistant Sports Editor. George Karam was named Feature Writer, and was assisted by Bobby Lake. Others elected were William Kutschinski, Circulation Manager; Richard Eggleston, and Lee Montgomery, Staff Photographers; and Alfred Luning, Earl Meehan, Dozier Sutton, and D'Arcy Phillips, Business Staff.

The name chosen for the book was THE BINNACLE, it being a term used on board ship to describe a compass and its housing.

In recognition of his ever willing service to the Apprentice School, it was decided to dedicate THE BINNACLE to Dr. Charles F. Bailey, who for so many years put forth much interest in the school, and is considered a friend of every apprentice.

Raymond E. Snow, who had previously excelled in a Civilian Pilot Training Course at the local airport, received a scholarship for advanced flying and resigned his post at the shipyard and as editor of THE BINNACLE to go to Pennsylvania to apply himself to aeronautics. Hudson was elected to fill this vacancy.





Donald W. Gilman
*Business Staff*

James L. Walker
*Business Staff*

Jack Milnes
*Assistant Art Editor*

Leland Clark
*Assistant Art Editor*







The business staff organized an advertising campaign, and the other members began immediate work on the publication. Through the co-operation of Coach Dobson, the use of an office was obtained, and general staff meetings were held weekly.

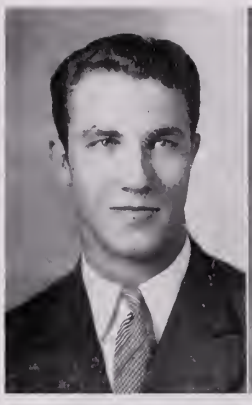
THE BINNACLE Staff is proud of this year book, not just for what it is, but for what it stands. It has taken its place with the other activities of the school, and has presented a new field for students who are interested in extra-curricular activities. The members are grateful for all of the help rendered by the shipyard; to Mr. E. P. Griffith for his willing advice and co-operation with photography; to the local merchants who have helped to make this publication possible; to the faculty of the Apprentice School; and all others who have assisted in presenting the Apprentice's School's first annual publication, THE BINNACLE.



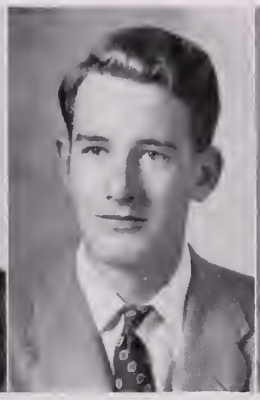
*Seated, left to right:* L. MONTGOMERY, E. J. MEEHAN, W. C. KUTSCHINSKI, O. C. HORSTMANN, O. R. HUDSON, JR., H. L. LOFTIS, G. A. ELLIS, JR., A. O. LUNING, R. A. EGGLESTON. *Standing:* J. W. POLICK, L. T. CLARK, M. F. RITGER

# THE BROAD A

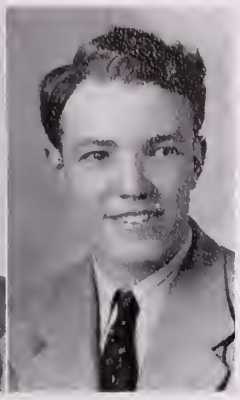
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JACK POLICK
*Editor-in-Chief*



LAIRD LOFTIS
*Assistant Editor*



ROBERT PHILLIPS
*Assistant Editor*

IN THE beginning of the year 1937, a group of apprentices caught the smell of printer's ink and developed an urge to introduce journalism into the extra-curricular activities of the Apprentice School. Accordingly, this group of aspiring members of the Fourth Estate called for volunteers, and a staff was organized. The staff obtained the use of the school mimeograph and set to work to publish a paper which appeared as *The Broad A* in its first issue on March 4, 1937.

This was the beginning of the fifth volume of an official Apprentice publication, the first having appeared in 1923 at a time when group spirit was dominant, and the need for fusing the student body into a united whole was most apparent. In those days there was the "machine shop gang," the "pattern shop gang," the "fitters gang," each competing with the others for domination in the Apprentice activities, in much the same manner that fraternities often divide student groups on the campuses of the colleges and universities of today. There was need to bring together the many viewpoints in a common forum, and this forum was supplied through a mimeographed weekly known as *The Apprentice Bulletin*, which succeeded in bringing about a union of endeavor among all apprentices.

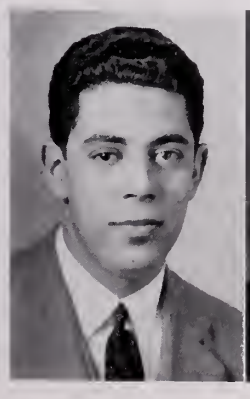
The first volume of this paper appeared with a fair degree of regularity until December, 1924, when its publication was turned over entirely to the hands of the boys themselves. It expired one month later with the Christmas issue.

After lying dormant for nearly two years, the *Bulletin* again appeared under capable editorship. A short time later, the name was changed to *Shipbuilder*. The final issue appeared on May 27, 1927, and for nearly ten years the student body was without a publication.

The attitude of the school faculty was reflected in the editorial of the first four-sheet mimeographed issue when Mr. Via wrote: "We welcome the advent of *The Broad A*, not only because it supplies a want, but,







GEORGE ELLIS, JR.
*Art Editor*



JAMES WALKER
*Sports Editor*



CHARLES PEREIRA
*Circulation Manager*



DAVID HUBBARD
*Asst. Circulation Mgr.*



BOBBY LAKE
*Feature Editor*



RAYMOND NELSON
*Alumni Editor*





more important still, because it provides a field of participation for many boys with journalistic leanings, and every apprentice appreciates the importance of participation in wholesome self-development. Here is a project to which all may contribute, and journalism takes its place with athletics and music among our extra-curricular activities."

The original staff of *The Broad A*, the first issue of which appeared on March 4, 1937, consisted of C. F. Hodder, Editor-in-Chief; O. L. Brown, Associate Editor; J. C. Lester, Managing Editor; D. W. Gilman, Sports Editor; D. H. Quisenberry, Business Manager; T. R. Acosta, Assistant; R. A. Poythress, Art Editor; L. T. Clarke and G. A. Ellis, Assistants; G. R. Inabinet, Feature Writer; W. C. Kutschinski, A. D. Bartley, M. F. Ritger, A. N. Branch, J. W. Polick, and O. R. Hudson, Reporters.

The staff's dream of a printed edition was realized when the first issue of February 4, 1938, really went to press, and since then many improvements have been made. To the present time, the Editors of *The Broad A* have been Clinton Hodder, Cooper Lester, Reid Hudson, Marcus Ritger, and Jack Polick.



THE BROAD A

NEWPORT NEWS, VA., MAY 16, 1941

Vol. 5 No. 5

Brilliant Cast Closes A's Minstrel Tonight

By Robert Phillips

Tonight will conclude the annual apprentice minstrel being held for three nights at the gymnasium of the Apprentice Athletic Building.

Each night, with Wednesday and Thursday, has been very well attended and it is expected that the crowd tonight will exceed any so far. The minstrel is based on the gay '90's theme

VOCALIST

HELEN YOUNG

Spring Band Concert Held at N.N.H.S. May 8

The Mitrettes band gave their first annual spring concert on May 8, at the Newport News High School Auditorium. After the public is attended, invitations were extended over to the local chapter of the American Legion to help put "Iron Lungs" in our hospitals.

A variety program was presented as follows:

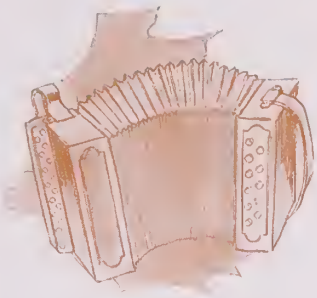
Part 1—March, "Semper Fidelis"; Overture, "Hellen Overture"; Trumpet solo, "Stars and Stripes Forever"; Waltz, "Tales from the Vienna Woods"; March, "Stars and Stripes Forever"

Part 2—The Apprentice Double Quartet sang "The Long Day Closes", "Kentucky Babe", "A Little Close Harmony"; a flute



*Seated, Left to Right:* James Walker, Laird Loftis, Jack Polick, Robert Phillips, David Hubbord
*Standing, Left to Right:* Raymond Nelson, Charles Pereira, George Ellis, Jr.





# MUSIC



*First Row, Left to Right:* Gilman, Peleaux, Hicks, Muhick, Rape, Mr. A. F. Michael (Director), Bush, McKelvey
*Second Row:* Mahoney, Shultz, Kenney, Lindsey, Clayton, Smith, Kutschinski, Goodwin, Sommers, Blum, Coalson, Post
*Third Row:* McCulloch, Bullington, Gilman, White, Reirson, Abrahamson, Seabloom, Wright, Leigh, Jaeger, Jarvis, Douglas, Long, Broughton, Reynolds, Larsen, Hindley, Geis, Thomas
*Fourth Row, Standing:* Summerell, Smith, Sanders, Emery

# THE BAND



Albert F. Michael
*Director*

THOSE who remember the band in the early days of its existence recognize a decided contrast between it and the present musical organization of the Apprentice School. More than fifty musicians make up this troupe which has today grown to be one of the most popular musical groups in the State of Virginia.

This band was first organized in October, 1934, the first group being comprised of twelve members who were experienced only in orchestral arrangements, most of which was derived from high school bands and orchestras. These twelve members willingly contributed what they had in an effort to build up a band in the name of the Apprentice School, and one that would do justice to the student body it represented.

By 1935, the aggregation had been shaped into a fairly acceptable outfit with six additional members. It made its debut in the fall of that year at the Apprentice football games where many favorable comments were passed regarding this young but efficient organization. In the days of Foremen Lectures, it presented short programs before each lecture, and in the summer of 1937 played a series of weekly concerts at the city park.

Since that time the band has played many engagements including various exercises for the Order

of Elks, Sunday School programs, Community Sing programs, and at many other public gatherings. It has participated in several parades, and is always on hand for Apprentice football games where it adds much color when it parades on the field at the half and forms the initials of the visiting school. In the spring of 1940, it presented a concert in the Newport News High School auditorium which was enjoyed by a large number of people. It has played for several launchings including that of the *S. S. America* on August 31, 1939.



By 1940, the band had grown to such an extent that it became necessary to reorganize it on a military basis. Members who were appointed as officers in the band were chosen from those who had been in the longest and who had rendered outstanding service musically. In this reorganization, Donald W. Gilman was elected captain. Other officers were lieutenants, sergeants, and corporals. One sergeant and one corporal were selected from each of the three groups—the brass, wood wind, and percussion sections.

Members who have served two years in the band are awarded a monogram, and for each year thereafter, a star. At the completion of four years, a graduate receives a medallion. This charm represents not only service in reference to time, but also in musical ability.

Since 1936, the band has been under the excellent leadership and direction of Albert F. Michael, and has been managed by John J. Carvil. These two persons have contributed greatly toward making it a success, and an asset to the school as well as a benefit to the community.



LESLIE C. HICKS
*Captain*







*Front Row, Left to Right:* Jack Polick, Jessee Strickland, Second Tenors; Miss Angela Yestadt, Accompanist; William Bippus, Robert Downey, First Tenors
*Second Row:* George Kidd, Emmet Wingfield, First Basses; George Ellis, Jr., Earl Mason, Second Basses





# DOUBLE QUARTET

THE true calibre of a vocal ensemble cannot be measured only in degrees of public appeal, but also by the intimate co-ordination of its members. Here is a group that has proven that singing and fellowship are practically synonymous words. Just as an organ mellows with age, so a singing ensemble must work together until each voice becomes indistinguishable. Each singer must function not as a soloist but as one of a group. Many rehearsals are essential to produce this very necessary quality.

During this first year of their singing together, the group has appeared but few times. In concert with the band last spring, they made a commendable debut before a well pleased audience. Summer vacation followed thereafter, and this winter finds the songsters rehearsing again with bright hopes for the future.

Due credit must be given Miss Angela Yestadt, whose gracious assistance as accompanist has been helpful.





# SOCIAL ACTIVITIES



*First Row:* Madsen, Barker, Meehan, Brown, Baxter, Morgan, Eley, Satchell, Heath
*Second Row:* Ahearn, Nicholson, Emery, Blair, Dozier, Meanley, Nelson, Brown, Warren, A. Morgan
*Third Row:* Strickler, Carmean, Inabinet, Wilson, Walton, Gayle, Elliot, Clendenen, Perry, and White

# MONOGRAM CLUB

•

IN ORDER to keep in close contact with one another, a move was made in 1936 to organize a club consisting of all of the students and graduate apprentices in the school who had won monograms in the various sports during their athletic career. This organization, which elected to call itself the Monogram Club, has been active since formation, and until the Cotillion Club was brought about last year, was the only activity of the school to foster dances and social functions.

The purpose of this club, primarily, is to keep the athletes of the school in communica-



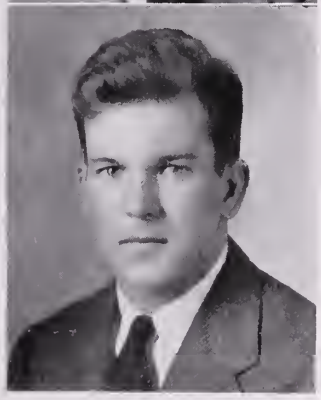
tion with each other at all times; however, this was not the solitary reason for organizing. It assists apprentices who come to Newport News from other places, and aids them in becoming acquainted in the city. It functions as a social club which presents four dances each year. It strives to better athletics in the Apprentice School and does much charity work.





FRANK J. BROWN
*President*





JAMES D. BAXTER
*Vice-President*

CLAUDE A. ELEY
*Secretary*

THOMAS J. MORGAN
*Treasurer*

Frank Brown is President of the organization, and James Baxter is Vice-President. Other officers are Claude Eley and Thomas Morgan, Secretary and Treasurer, respectively.

At the present time, the club holds its regular meetings in the Apprentice Athletic Building. It was formerly located in private club rooms on Washington Avenue, but these were disposed of several months ago.

The Monogram Club has many commendable qualities, it being composed of members who have participated in sports of all kinds in the school. In athletics, boys learn many things other than how to dodge a guard on the football gridiron, or run up two points on the basketball court. They learn that winning a game isn't nearly so important as playing it fairly, a quality which they carry through life in a game which is played with every person whom they come in contact with. The Monogram Club is composed of many boys of this caliber, and is doing excellent work in assisting new apprentices to become good athletes, good workmen, and good citizens.







COTILLION CLUB BOARD OF GOVERNORS
*First Row, Seated, Left to Right:* H. L. Loftis, C. A. Eley, M. H. Mahoney, G. E. Kidd, *President*
*Second Row, Seated:* G. A. Ellis, Jr., D. E. Wright, T. E. Leigh
*Third Row, Standing:* H. L. Wright, E. K. Long, J. B. Summerell, E. J. Meehan, H. Y. McCulloch

# THE COTILLION CLUB

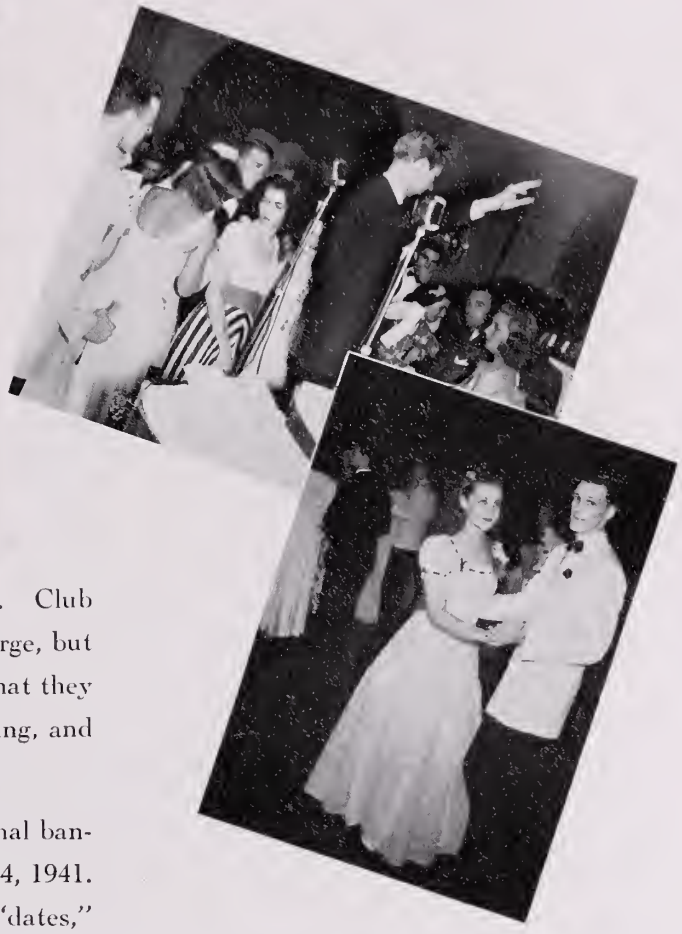


SINCE the organization of the Apprentice School, many clubs of various aims have been formed, and although these clubs were more or less for the benefit of the school as a whole, they have also proved to be a great asset to the individuals involved.

Unlike many colleges and universities, there were no social fraternities in the Apprentice School. This condition remained until 1940 when the student body, in an effort to improve the sociality of the school, funded in November of that year its first social organization known as the Apprentice Cotillion Club. The purpose of this club is to sponsor non-profit formal dances and similar entertainments where apprentices may have the opportunity to make social acquaintances under ideal conditions.

To become a member of this fraternity, the candidate must submit his name to the Membership Committee. If it is approved, he is notified and is instructed to pay his dues of one dollar per month. As this club sponsors no other movement, the entire treasury is at the disposal of the committee





in charge of promoting successful entertainments. Club members are admitted to these functions free of charge, but in order for non-members to attend, it is necessary that they be properly vouched for by members in good standing, and taxed as the club sees fit.

The first function of the Cotillion Club was a formal banquet and dance held at the Chamberlin Hotel, June 4, 1941. This affair was well attended by members and their "dates," special guests, and shipyard officials. Johnny Long and his orchestra furnished music for dancing.

The Cotillion Club has a membership of about two hundred, and is headed by George E. Kidd, Jr., President of the organization. Matthew Mahoney is Vice-President, and other officers include Charles Roulet, Secretary; Mordecai Gayle, Treasurer, and Claude Eley, Sergeant-at-Arms. Officers are elected for one year, after which new ones are elected, and new committee chairmen are named. Chairmen who were appointed when the club was founded were: Laird Loftis, Constitution; James Nicholson, Membership; Donald Wright, Orchestra; Lively Tabb, Flowers; and Thomas Leigh and Harold McCulloch, Ways and Means.







# Court of



Miss Mamie Stahle



Miss Eileen Kelley



Miss Nancy Maclay

# Beauty



Miss Emily Lankes



Miss Jane Host



Miss Anne Stone



Miss Shirley Barbour



Miss Caroline Lawson



Miss Celia Forrest

# Court



Miss Betty Davis



Miss Frances Clarke



Miss Adele Wilson

# of Beauty





Mrs. Frank Swelling

# THE APPRENTICE MINSTRELS

•

PERHAPS nowhere in the history of shipbuilding has dramatics ever played an important part, and furthermore it probably never will—however, no rule of the Newport News Shipbuilding and Dry Dock Company forbids a man to be an actor—or actress—and this freedom is exercised once each year in the annual Apprentice Minstrel.

When the idea of presenting a show was first discussed in a student body meeting in 1937, no definite conclusion was reached regarding the type of dramatic exhibition to present, and a committee headed by Clinton Hodder was appointed to study the objective and report his progress at a later meeting. After looking into the situation and discussing it carefully with his committee, it was decided that a minstrel was the answer to his problem. Mrs. Frank Swelling, better known as "Miss Annie," immediately volunteered her services, and with the assistance of other members of the school faculty and athletic building, practice was soon under way for the first show.

At that time, all of the student body meetings were being held in the afternoons, but it was decided to combine the regular meeting for that month with the presentation, invite outside guests, and hold the affair at night.

The show included many entertaining features including vocal solos, group singing, skits, and humorous jokes by the End Men. As a specialty, a dance chorus, consisting of a dozen boys dressed as ballet dancers and performing as such, amused the audience with two numbers. Miss Miriam Carmel directed this portion of the entertainment. Caldwell Wells acted as Interlocutor, and the comedians were Scott Jessee, William Thomas, Ernest Eley, Barton Barker, Joe Hoffman, and William Scarborough.

This show met with such success that a decision was reached to make it an annual event, and the following year was presented three times—once at the athletic building, once at the Paramount Theater, and once in Yorktown. In this presentation, Kemp Savage was Interlocutor, and the same end men performed as did the year before with the exception of Barker and Hoffman who were replaced with Matt Howell and Roy Price.

These shows have been looked forward to each year since they were first started, and all have been along similar lines until 1941 when the entire set-up was altered. Instead of following the same routine, the setting was changed to represent a sidewalk cafe of any large city in 1890. Costumes portraying the "gay 'nineties" were used, and all of the musical selections were taken from the nineteenth century. This was acclaimed one of the best efforts of the series.

Mrs. Swelling has directed each of these shows, and in each case has been rewarded with great success. Her willing co-operation, with the assistance of Miss Carmel, Miss Elizabeth Rowe, Mrs. Edel Pullen, and many others, has created something which is looked forward to each year, not only by the school, but the entire community.
















*Left to Right:* Frank Horan, Frank Humston, George Ellis, Jr., Alfred Luning, Earl Meehan, Laird Loftis

# PUBLICITY STAFF

•

JUST as a metropolis is a melting pot for peoples of many localities, so the Apprentice School brings together men from numerous parts of the country; men whose primary ambition is to learn the fascinating science of shipbuilding. To attain its zenith of efficiency, a school such as ours must consist of men trained not as laborers alone, but also as members of a fraternal order.

With this idea paramount in their minds, a small group of students have, this year, organized the Publicity Staff, an organization consisting of one member of each class. During the short period of its existence the Staff has had little time to do aught but discuss the varied duties which it should perform.

It was concluded that the primary duty should be to arrange meetings between incoming students and upper-classmen of the School. Such sessions should do a great deal towards developing the social interests of a newcomer and to aid his making new acquaintances. Important, too, among the duties decided upon by the Staff is that of publicizing the achievements of members of the School. Personal modesty quite often is the reason that the "home town folks" are not informed of a boy's accomplishments in the School. Contact with the home town newspaper of the boy who merits recognition is, therefore, a principal function of the Publicity Staff.

Innumerable other activities of a helpful nature can be performed by such a staff. With the diligent efforts of its members and the materialization of this year's research, the staff has proven to be a valuable asset to our School.

# APPRENTICE ALUMNI ASSOCIATION



M. T. Dozier
*President*

AFTER a period of inactivity, the Apprentice Alumni Association was reorganized in April, 1936, at which time a new constitution and a new set of by-laws were adopted.

The first group of officers of the reorganized association was headed by J. B. Steen, as President, and William Gares, Vice-President. John Carvil was elected Secretary, and W. Cowles Hogge, Treasurer. Interest in this phoenix-like organization became more widespread, and in 1937, this same group of officers was re-elected.

The constitution and by-laws were revised in the spring of 1938, and a Board of Governors was elected to work with the succeeding officers to conduct the business of the Association. Elected to fill the 1938 term of office were W. Cowles Hogge, President; Elliott Gay, Vice-President; J. J. Lambiotte, Secretary; George Helmer, Treasurer, and Otto Schade, Financial Secretary. The Association grew in membership, and the year 1938 was a prosperous one.

At the annual meeting for the election of officers in April, 1939, E. A. Carter succeeded Mr. Gay as Vice-President, and W. J. Herrmann replaced Mr. Lambiotte as Secretary. Other officers of the organization were re-elected.

Several projects were undertaken in that year, and all of these were successfully accomplished due to much hard work on the part of various committeemen. One of the more notable acts was the presentation of a large United States Flag and Standard to the Apprentice Athletic Building. This, the student body resolved, should be used at all regular monthly meetings.

In 1940, T. M. Dozier was elected President of the Association, and had as his staff of officers H. B. Wynne, Vice-President; J. C. Lester, Secretary; L. H. Flowers, Financial Secretary, and George Helmer, re-elected Treasurer. In this year the Association presented to the student body a large Virginia State Flag and Standard as a complementary unit to the national flag previously donated, and contributed two hundred dollars for the purchase of five uniforms for the Apprentice Band.



F. J. Dwyer
*Vice-President*



G. F. Helmer
*Treasurer*



E. E. Jackson
*Financial Secretary*



J. C. Lester
*Corresponding Secretary*

Officers now occupying the official chairs for the 1941 term are T. M. Dozier, President; F. J. Dwyer, Vice-President; J. C. Lester, Secretary; E. E. Jackson, Financial Secretary; and George Helmer, Treasurer.

Membership of the Alumni Association has continued to grow by leaps and bounds. At the present time eleven departments in the shipyard have a one hundred per cent membership in the Association. These departments are the Shipyard Riggers, Mold Loft, Painters, Electrical Drawing Room, Machinery Drawing Room, Production Department, Engineering Estimating, Hull Technical, Material Department, S. O. S.—C. & R., and the S. O. S.—Bureau of Engineering.

Among the noteworthy activities of the group in 1941, were two gifts which were greatly appreciated by the student body. One of these was the presentation of an electric clock which was mounted in the lobby. The other was a substantial contribution to the advancement of the first publication of an Apprentice Annual, THE BINNACLE.

The Association subscribes regularly to the school's monthly newspaper, *The Broad A*, which allots them one page of each issue for Alumni news. Information and other material for this page is presented to the *Broad A* staff by the Alumni Editor, Raymond M. Nelson.

Great justification is being given by the present Alumni Association to the work and hopes of those who in 1936 awakened this faltering group to new labors.



BOARD OF GOVERNORS
*First Row, Left to Right:* W. G. SATCHELL, N. S. POWELL, E. A. CARTER, W. A. KOSICKI, G. G. GILLETTE
*Second Row, Left to Right:* G. R. SEELEY, R. M. WARD






# FEATURES



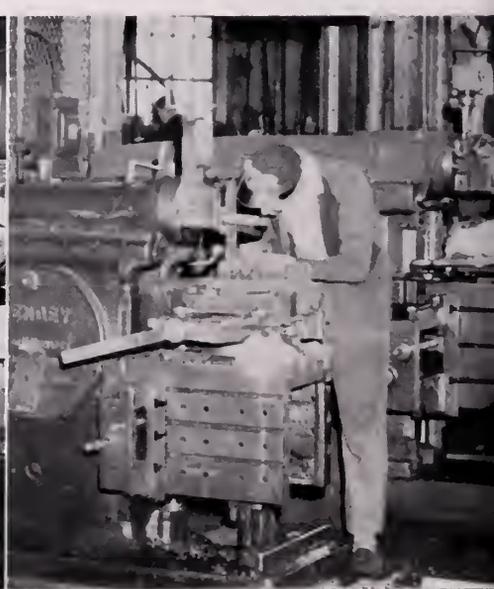


# Apprentice











# At Work









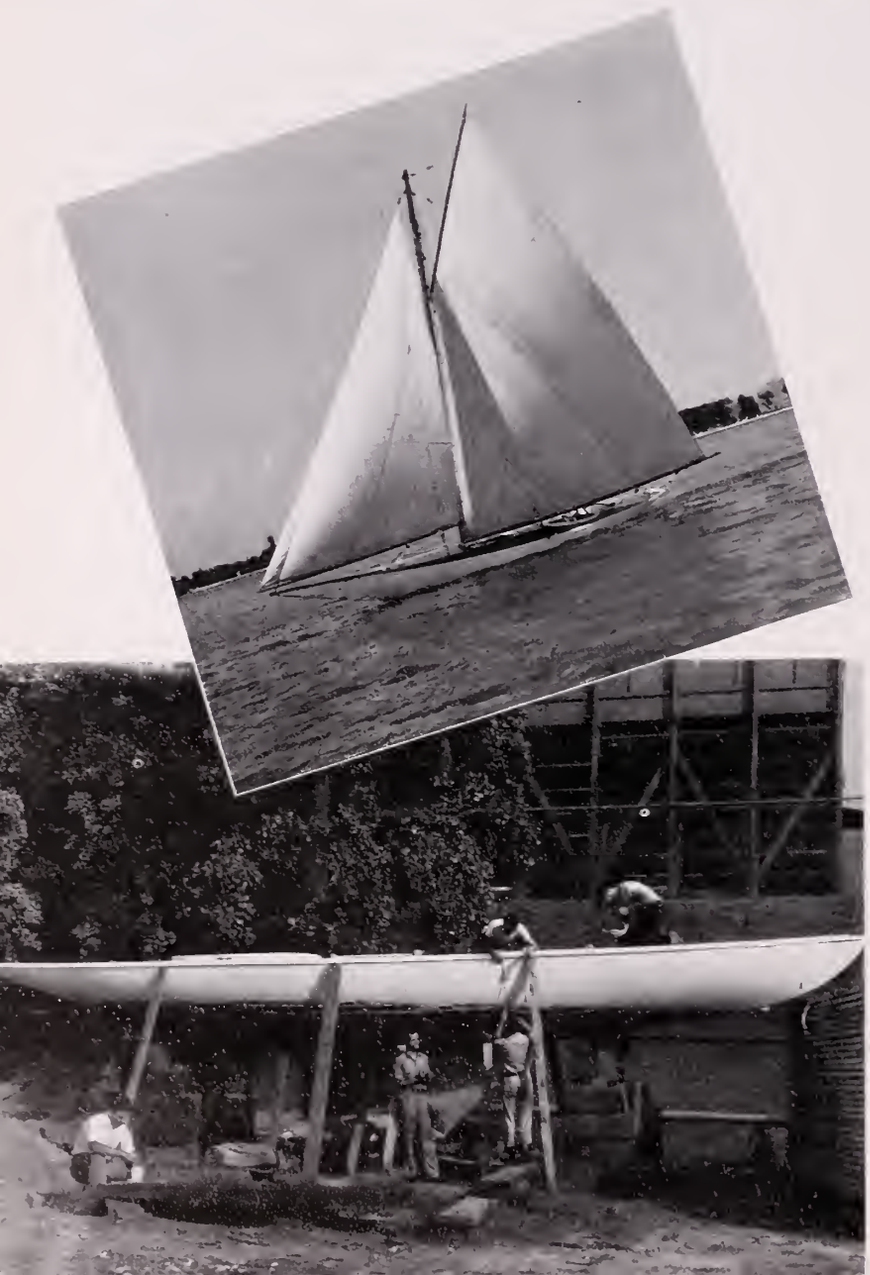




# ---and At Play





















*Newport News Shipbuilding and Dry Dock Company from the air. "S. S. America," now "U. S. S. Westpoint," in foreground*

# THE NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY



IN 1886 an area of one hundred acres of land was selected on the east bank of the James River, and a capital stock of two million dollars was provided for the Chesapeake Dry Dock Company for the purpose of repairing steamships, sailing vessels, and boats of all dimensions constructed of wood, iron, steel, and other materials. In 1889 the first dry dock was ready for use, and within the year following, contracts were granted authorizing the construction of two steel tugs and two freighters. It was in this year that the name was changed to The Newport News Shipbuilding and Dry Dock Company.

The first ship to be completed in this Yard was the tug *Dorothy*, in 1891, and was known as Hull No. 1.

The ensuing ten years were years of progress and marked a rise in importance for the Yard that had started so humbly. Among the wide varieties of quality ships which were under construction in that period of time were such renowned naval vessels as the battleships *Kearsage* and *Kentucky*, which were delivered in the early part of 1900. These were forerunners of our great fleet today which boasts such capital ships as the *Houston*, *Augusta*, *Ranger*, *Enterprise*, *Yorktown*, *Hornet*, and the newly-constructed *Indiana* which is scheduled for delivery in 1942, all products of this Company.

The demands of this Yard became so great that it became necessary to acquire additional land and construct more shop space, and at the turn of the century a second dry dock was commissioned. This dry dock was capable of holding any ship afloat at that time.

New ships alone did not account for all of the work done by this Yard. Many ships were repaired, engines overhauled, and various other items of work pertaining to ships were handled. Many amendments to the original charter were made, one of which authorized the production of iron and steel and by-products thereof. Others were made to improve the waterfront and increase the capital and acreage.

The original charter provided that the Company was empowered to contract with the United States Government, and that the Government was given special privileges for the accommodation of its vessels in times of peace or for complete control in times of war.

Twenty per cent of the naval tonnage available in this country when it entered World War I was supplied by this Company. Four of the ships built here planted more than half of the mines in the mine barrage across the North Sea. During that war this Yard furnished more than sixty per cent more naval vessels than any other private yard, and thirty-seven per cent more than all of the Government yards combined.

The Washington Conference after the war called for the cancellation of all naval contracts. Augmented by a general slump in merchant shipbuilding, this led to dark days for the Shipyard, which was forced to amend its charter again in 1922 after more than twenty years of operation without change. This amendment allowed the Yard "to engage generally in contracting, building, and manufacturing in construction, reconstruction, and repair work",



*"S. S. America," now "U. S. S. Westpoint" Naval Transport at night*



*Modern Drafting Rooms at the Shipyard*

During these slack times the Yard repaired railroad equipment, built hydraulic turbines and gate equipment for dams, and entered into a wide range of ship reconstruction. From these new-found talents the Company obtained enviable results as was attested by such installations as the Muscle Shoals turbine units and gate equipment, and the Dniepestroy Dam development in Russia, which necessitated nearly four thousand tons of machinery.

This Company has long been in front in the construction of all types of new ships, and has done much to foster advancements to make better and more seaworthy vessels. It is a pioneer in the use of electricity for the propulsion of ships, both naval and merchant. This work has been in conjunction with the large electrical corporations of the country.

During the years that followed World War I, the United States Navy was reduced to a mere skeleton, and the Merchant Marine wasn't much better, but with the election of Franklin D. Roosevelt to the Presidency of the United States, things began to look brighter for the Navy. Mr. Roosevelt realized the menace of certain European countries and concluded that a strong Navy and Merchant Marine should be available in case trouble should start. With the help of experts in such matters, the President set about to build a greater Navy.

The first naval vessel constructed at this Yard under the naval expansion program of the Roosevelt administration was the Aircraft Carrier *Ranger*. Tankers, Freighters, Destroyers, and Cruisers soon followed.

Perhaps one of the greatest achievements was the construction of the *America* for the United States Lines. This ship embodied all of the safety devices available in modern shipbuilding practice. Unfortunately the arrival of World War II rearranged all of the plans for this magnificent ship and it was converted into a transport and renamed the *West Point*.

This Company has been striving to bring itself nearer to perfection in it art, studying and trying new theories and ideas. One of the greatest boons to shipbuilding is the art of welding which also brought new problems to those responsible, and many of these problems have yet to be solved.

On November 21, 1941, the battleship *Indiana* was launched. This was the first battleship to go down the ways since 1923, and the heaviest ship ever to be launched by this Yard.

In these days of chaos it is necessary that the employees of The Newport News Shipbuilding and Dry Dock Company endeavor more than ever to live up to the slogan set by Collis Porter Huntington, founder of the Yard, who said, "We shall build good ships here, at a profit if we can, at a loss if we must, but always good ships."





*"U. S. S. Indiana," before and after her Launching*





# THE












# SHIPYARD






PHOTOGRAPHS ON THESE TWO PAGES BY
DMITRI KESSEL OF LIFE MAGAZINE



*"Conquering the Wild," by Anna Hyatt Huntington, under floodlight at night*

*Mariners' Museum, Main Entrance*



# MARINERS'

JUST as it would be impossible to describe in primary language the beauty and magnificence of an ancient cathedral, so would it be impossible to delineate in these few pages a description which would incorporate the majestic splendor and atmosphere which engulf The Mariners' Museum, a project founded in 1930 by Archer Milton Huntington in an effort to keep alive a part of the history and adventure of the sea as it was known to the mariners of old and to the world today.

Located about six miles north of the city of Newport News, the museum is situated on the banks of the picturesque James River, its grounds covering about eight hundred acres of land through which runs a narrow stream known as Waters Creek, sometimes but inaccurately termed Watts Creek, an estuary of the James River. Under authority of the Virginia State Legislature, a massive dam was constructed across the mouth of this creek, forming a body of water covering about one hundred and sixty-five acres, and known as Lake Maury. This lake was named in honor of the world-renowned Virginia oceanographer, Matthew Fontaine Maury.

The lake consists of a comparatively long and narrow body of water from which numerous arms extend on both sides, following the course of ravines from which tributary streams originally fed into the main creek. For the most part, a natural growth of magnificent Virginia Pine and Beech extend to the very water's edge, and bridle paths follow the circuitous shoreline.

At each end of the dam which holds back the water is a pair of carved lions designed by Anna Hyatt Huntington, and made of Indiana Limestone. A double driveway crosses the dam, and on the north side is located an imposing statuary group known as "Conquering the Wild," another masterpiece by Mrs Huntington, and

*A Portion of the Center Room, Mariners' Museum*





*Main Exhibit Room, 18-Inch "Spread Eagle" Figurehead, "U. S. S. Lancaster," 1858*

# MUSEUM

erected to the memory of Collis Potter Huntington, founder of the Newport News Shipbuilding and Dry Dock Company.

A winding road leads from the dam through the park to the westerly banks of Lake Maury where the present museum buildings are located. These buildings are of fireproof construction, and have displayed along the exterior walls a collection of anchors, each of which has been clearly documented with a plate giving a brief account of the ship from which the anchor was taken.

In the main room is assembled a large collection of various ship models including merchant and armed vessels both foreign and American, and models of many ships which were constructed in the early days of this country. Mounted on the walls of this room are figureheads, billet heads, cat heads, mast wortle, and other ornaments acquired in this country or abroad. Many oil paintings depicting subjects of naval interest decorate the walls, and on the floor are table and wall cases which contain navigational instruments, glass, and other objects recovered in 1934 from British warships sunk at the siege of Yorktown during the Revolutionary War.

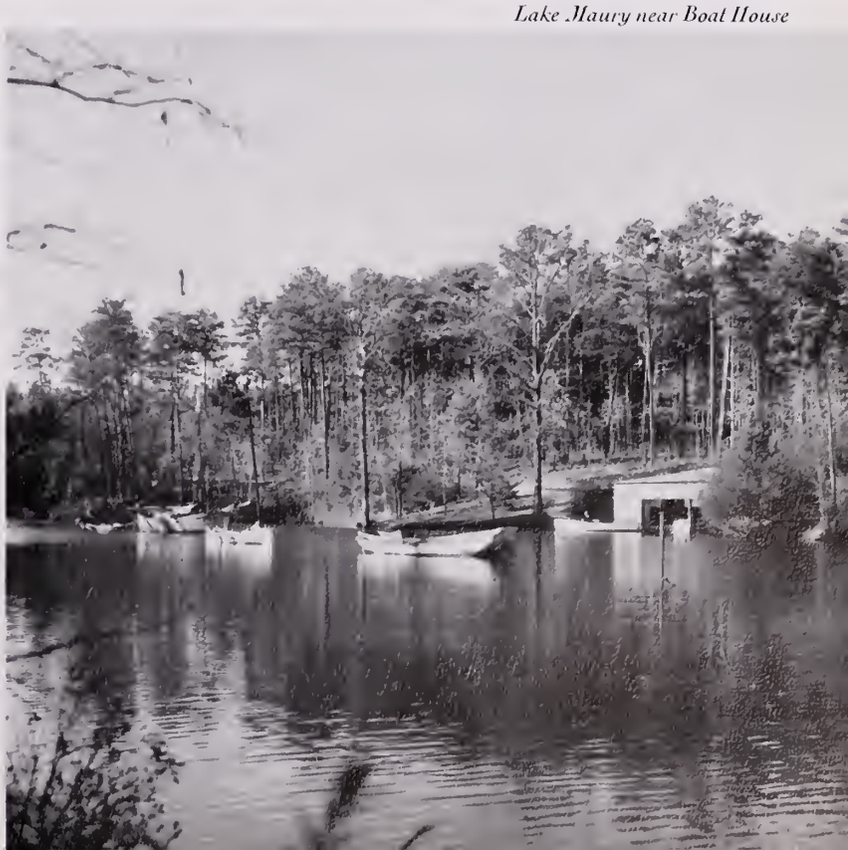
To the right of the main entrance is the center display room. Here are located miscellaneous maritime objects such as ships' lanterns, telescopes, guns, and a collection of whaling instruments including a fully equipped New Bedford whaleboat. On the walls of this room is hung a collection of harbor prints in geographical sequence. An index chart is maintained so that a visitor may ascertain if the collection includes a print of a desired place either on the wall or in the files, and gives the location thereof.

Assembled in the east display room are mariners' and shipbuilders' tools and articles of ships' gear. Prints of



*The Dam at Lake Maury*

*Lake Maury near Boat House*



# MARINERS' MUSEUM



*Mariners' Museum Library*

foreign harbors and ports are hung on the walls. Located in this room are multiplex display frames containing old documents and photographs of ships and shipyards, and a variety of pressed flowers and leaves indigenous to this locality and collected in the park.

Portraits of Mrs. Archer M. Huntington and of the Trustees of the Museum hang in the Directors' Room, beyond which is located the photographer's dark room and exhibit store room.

South of the center display room is the Museum Library containing approximately 15,000 volumes. Cases containing the rare books line the walls, and the regular stacks occupy the center of the room. Beyond the reading room is the Librarian's office, and here visitors are shown every consideration and assistance in locating desired volumes.

Other points of interest of the Museum are the Model Shop and the court. In the Model Shop, miniature ships are constructed to scale, some of which are Fulton's *Clermont*, the Frigate *Merrimac*, the Ironclad *Monitor*, and the Dollar Liner *President Coolidge*.

In the court are small boats from all parts of the world and interesting specimens of old cannon and heavy ship's gear.

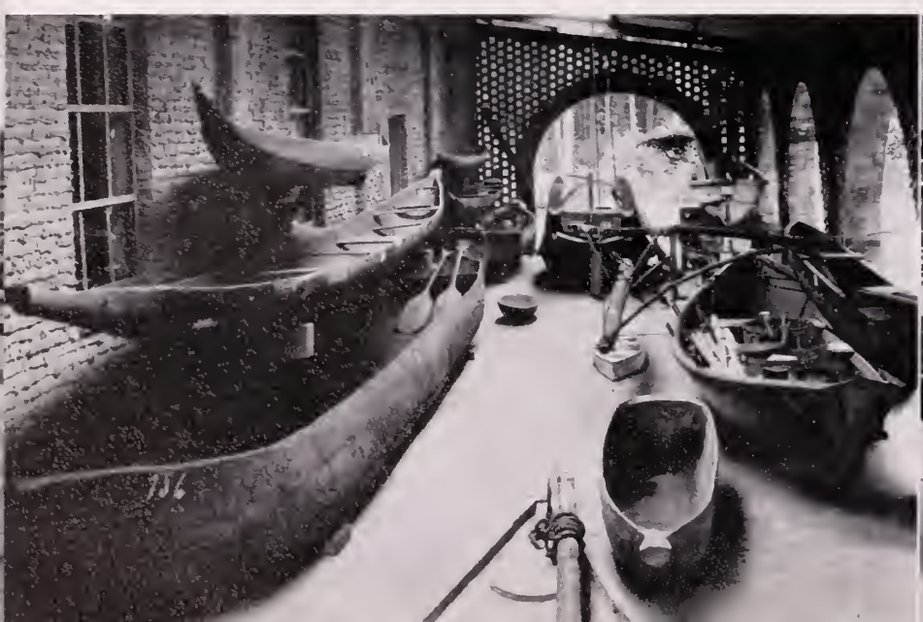
Perhaps no museum in the world has expanded in its short time of existence as much as the Mariners' Museum, and few are visited by more persons. In 1940, 54,000 people registered at the desk, these people representing every state in the Union as well as twenty-six foreign countries. Certainly it is living up to its charter:

> ". . . a museum and library pertaining to nautical subjects, things, and interests, and otherwise to advance learning, the arts and sciences relating to or bearing on watercraft, the marine, and marine navigation. . ."



*Wild Turkeys and Deer in Deer Park*

*Dugouts and Other Craft, North Colonnade*



*Some of the Large Steamship Models, Main Room*



# NORTH CAROLINA SHIPYARD

THE shipbuilding scope of our Company was increased when a certificate of incorporation was granted on January 17, 1941, which created the North Carolina Shipbuilding Company with principal offices in Wilmington, North Carolina.

This new company is a subsidiary of and is owned by the Newport News Shipbuilding and Dry Dock Company with the exception of the qualifying shares of the directors.

Homer L. Ferguson has been elected Chairman of the Board; Captain Roger Williams, President of the Company, and Karl D. Fernstrom, Vice-President and General Manager. Mr. Ferguson is President of our Shipyard, Captain Williams is Executive Vice-President, and Mr. Fernstrom is on leave of absence from the Massachusetts Institute of Technology where he has been a professor since he left our yard in 1925.

Other officers are Mr. R. I. Fletcher, Comptroller; W. Graham Scott, Treasurer; George A. Parker, Secretary; T. L. Lanier, Assistant Comptroller; Paul A. Wilson, Assistant Treasurer; S. P. Ware, Assistant Secretary and Assistant Treasurer.

Wilmington is a city which in 1940 had a population of 32,980, and is in Southeastern North Carolina near the mouth of the Cape Fear River which empties into the Atlantic Ocean. The new shipyard is several miles below the city on the east bank.

The general layout of the Carolina Yard which occupies eighty-four acres of what was nothing but sand and pine is much like our own. Nine shipways lie to the north, and three outfitting piers lie to the south, both fronting on the narrow river which is less than a half mile wide. Between pier three and the outboard end of shipway number one only one hundred and sixty-five feet intervenes. Behind the piers and shipways are the outfitting buildings, platens or skids, railway tracks, mold loft, and essential buildings and facilities for constructing ships. The yard is about two thousand feet along the waterfront and one thousand five hundred feet deep.

Many experienced apprentices are being sent from our yard to the North Carolina Subsidiary, and the goal of the Apprentice School and officials is to have about one hundred boys on hand to act as working quartermen. These apprentices serve for six months and are sent back to Newport News and replaced, the plan being to round out the experience of as many boys as possible. The first group returned in December.

Just outside the shipyard fence is a dormitory capable of housing eighty-five boys, although many live in town. It may be interesting at this point to know that the yard's water supply is obtained from wells in the yard itself, and is considered to be superior to that of the city of Wilmington.

These boys who have helped to build and set into operation a new shipyard, and at the same time are contributing handsomely to the cause of National Defense, are considered vital factors in this construction, and are discharging their responsibilities magnificently.

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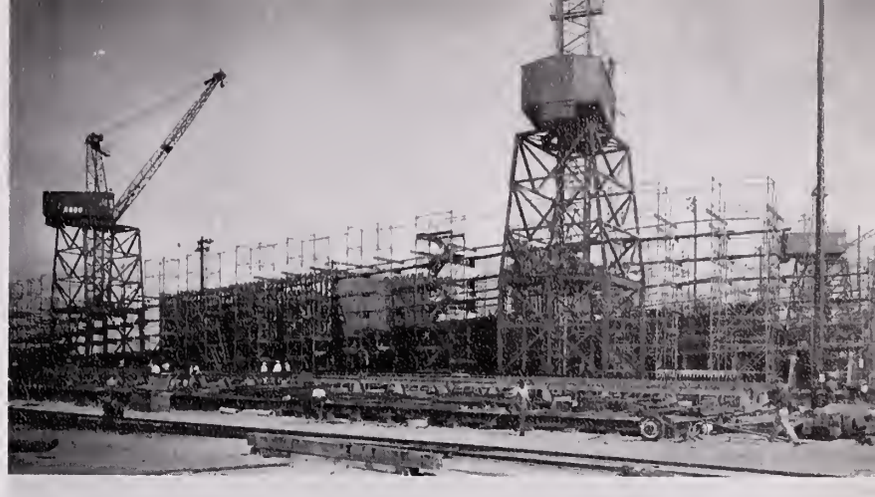
*From Top to Bottom:*

*View of Shipway No. 1 with Ship "Francis Marion" under construction and three Tower Whirlers in operation*

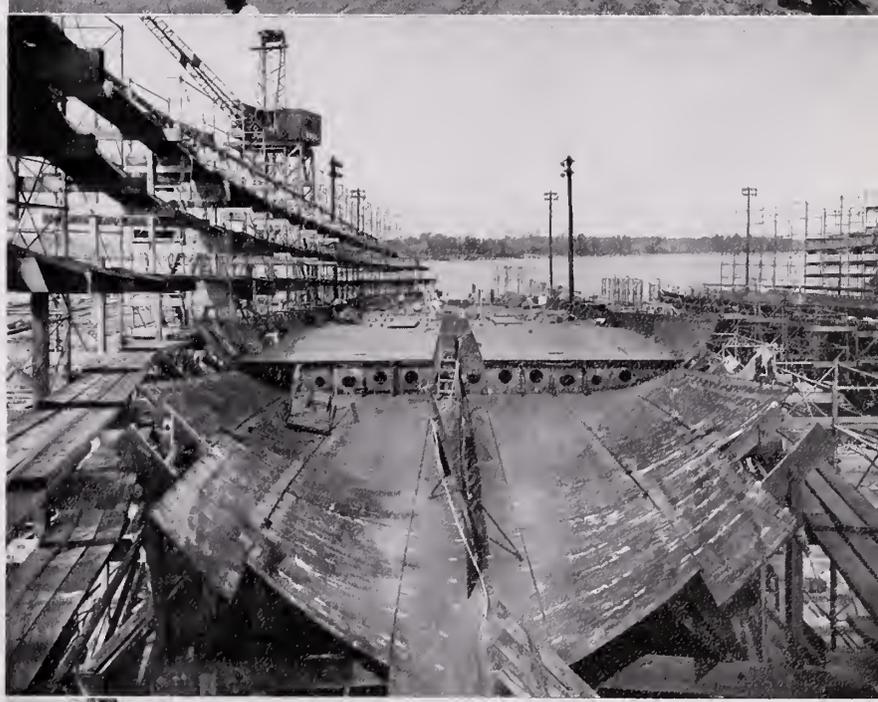
*Shipways and Power House Footings*

*Photograph taken at the North Carolina Shipyard of Shipway No. 1 looking aft*

*View showing work progressing on Platens, two Tower Whirlers in operation, Shipshed to right, Main Office Building in distance in rear of Tower Whirler*









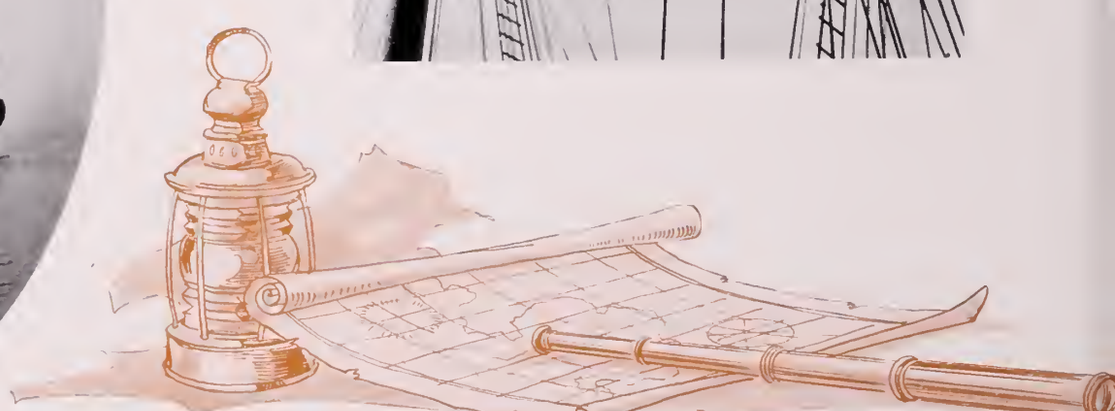




INTO OUR PORT FROM









# OUT OF THE PAST







PHOTOGRAPHS BY RICHARD B. POYTHRESS




# ATHLETICS



# APPRENTICE ATHLETIC BUILDING

"THE BUILDING," as it is commonly known to the Apprentice Student Body, is a modern fireproof structure, built and owned by the students of the Apprentice School, and devoted primarily to sports.

This building, which was first used on December 29, 1933, provides, in addition to its sports facilities, space for various club meetings such as Glee Club rehearsals, Monogram Club meetings, Alumni meetings, and other conferences and lectures.



MRS. EDEL PULLEN
*Hostess*

The students use this building for all types of activity, and as headquarters for football, basketball, baseball, and track, carrying a full schedule in each sport with suitable college opponents. It affords ample gym equipment, a basketball court, ping-pong tables, a pool table, space for volleyball, wrestling, and showers. Leagues in volleyball, basketball, and softball are conducted in season.



*Lobby*

The school's first minstrel was held here on April 6, 1937, and the first Commencement Exercises on January 14, 1938.

Two years ago, the Apprentice Alumni Association presented the building with a United States Flag, and a Virginia State Flag, and recently placed in the lobby an electric clock designed to match the paneled walls. Anticipated in the near future are telescopic bleachers for both sides of the gymnasium which will improve the seating capacity for all floor sports.



FRANK M. DOBSON, *Director of Athletics*

SO MANY of the truly fine things in the life of young men are embodied in their athletic games, and these games contain so much of matchless value in the rounding out of sound, wholesome character, that every effort should be made to preserve their great human opportunity to help in building a finer, stronger race of mentally alert and cultivated men fit to be leaders and fathers of a nobler generation to come. Industry offers as rich a field for the development and application of these principles as is found in academic centers.

FRANK M. DOBSON.

# FOOTBALL




COACHING STAFF: Gresham, Sweet, Simpson, Powers, Jenkins, Dobson, Ochs, Bryant

IN HIS second year as head coach of the Apprentice Football Team, Coach Frank Dobson made the 1941 season the most successful for the school in many years. After losing the opener to a more powerful William and Mary eleven, the Maroons came back in their second game and fought their way to victory by defeating at home the remaining teams on the schedule, which were Fort Story, Hampden-Sydney College, Randolph-Macon College, Naval Apprentice School of Norfolk, Virginia, Roanoke College, Lenoir-Rhyne College, and the Fore River Apprentice School of Quincy, Massachusetts.

Early in September the Apprentice Squad opened the season in Williamsburg where the William and Mary Indians won a decisive victory, 53 to 0. It appeared to be a bad year for the locals, but as time went on and other games were played, it was realized that the game with the Indians was just

*Football Squad—1941*







an unfortunate opener for the Apprentices.

On the following Friday night the Apprentices met Fort Story, a team composed of former college stars, and pro-gridiron players. In the second period, the visitors scored a safety, but the Maroons came back with a touchdown and an extra point, winning the game 7 to 2, the first home victory since 1939.

In the third game of the season the Maroons defeated Hampden-Sydney College 22 to 20. Several times in the game the Tigers from Death Valley were leading, but each time the Apprentices forged ahead.

These two home victories caused spirit to rise in the school as well as in the community, and capacity crowds were beginning to fill the stands.

The Yellow-Jackets of Randolph-Macon College came to Newport News determined to break our winning streak, but this fourth game was little different from the others, the visitors losing 20 to 7.

The following week we engaged the Norfolk Naval Apprentices. At the beginning of the fourth period, our team was leading 27 to 0, and decided to rest awhile. The rest was evi-

O'Donnell | Link | Ayers | Collier | Sargent



Chappell | Hanbury | Stalnaker | Barsell | Roulet





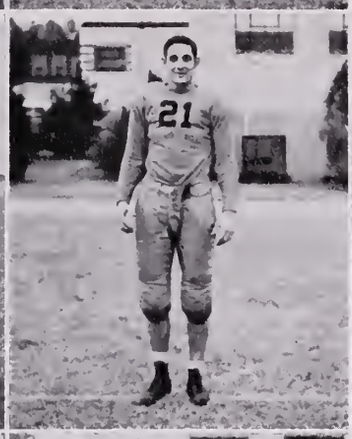





HOFFMAN
HENDERSON
JOHNSON
LAFOON



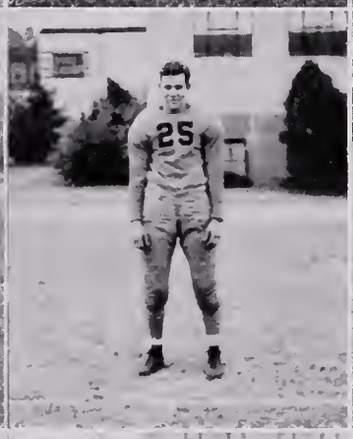







PERRY
MURPHY
STOKES
EVELY







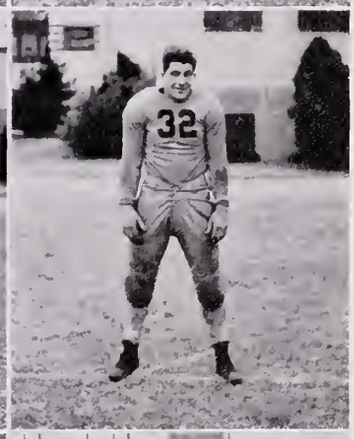



PENDLETON
CROCKER
RAYFIELD
CARMEAN





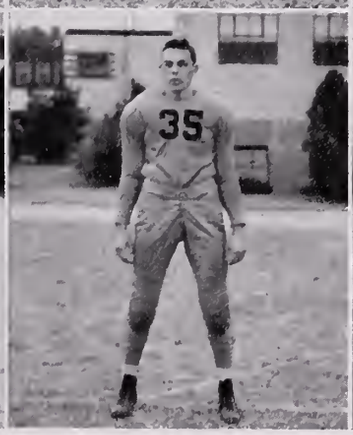





RAMA
STORA
POLICK
WETZLER










DOBSON
HANCOCK
NICHOLSON
GAYLE



*Lecture During Spring Practice*





*"Ulysses," the Mascot*

*Above:* Cheerleaders Zbinder, Kinney, Pfaff, Davidson, Ayres, Cohen (Head Cheerleader)
*Below:* Managers Phillips, Broad, Crocker





dently good for the Norfolk team, which ran up 14 points in that period. This team came to Newport News as the "underdog," but the type of football they played was clean and hard and they deserved what they made.

Not in several years has the Apprentice School been victorious over Roanoke College. According to information from Roanoke, 1941 was to be no different, but at the close of the game, after being defeated 26 to 6, the visitors admitted that they had been defeated fairly and squarely by a stronger team.

With five victories behind them, the Shipbuilders were confident in facing Lenior-Rhyne, although the opponents held the edge. For three quarters both teams threatened, but it was not until the fourth period of the game when the Apprentices started an aerial attack that any score was made. In this period, we were able to score two touchdowns to win 14 to 0.

The final game of the season was one with a fighting team from the Fore River Apprentice School. The Yankees came here with a determination to even things up for the two games lost to us in 1939 and 1940, but their fight was not enough. The Apprentice School won by the score of 25 to 6.

Thus ended one of the most successful seasons ever experienced by an Apprentice Football Team. They played good football and were on the big end of the scores. In 1942 another season similar to the past one is expected. By graduation the team will lose Brinn, Gayle, Sargent, and Rayfield, but others will be there to replace these players. With the team that will be out next year, and with Mr. Dobson to coach them, the school is expecting to have an undefeated season in football.

# BASKETBALL

Coach Edwin "Cootie" Allmond's "fighting five" played a twenty-game schedule last year, winning eleven and losing nine. The team worked together with the same fine precision that has always characterized Apprentice teams, but the going was a little tough at times, owing to the loss of several veterans. Members of the team were Jesse Cooper, Jack Perry, Elmon Scott, Jimmy Baxter, Ernie McDermon, Garland Massie, Joe Mitchell, Alex Combs and Billy Stephenson. The manager was "Buck" Soter, assisted by H. B. West who also kept the records for the season. The assistant coaching post was ably handled by Willard Warren.



Coach Edwin "Cootie" Allmond

## 1941 Schedule

| | *Score* | | *Score* |
|---|---|---|---|
| College of William and Mary | 47 | Apprentice School | 33 |
| Virginia Polytechnic Institute | 39 | Apprentice School | 41 |
| High Point College | 42 | Apprentice School | 36 |
| Navy Yard Apprentice School | 25 | Apprentice School | 49 |
| College of William and Mary (Norfolk Division) | 25 | Apprentice School | 32 |
| Texaco Oilers | 33 | Apprentice School | 48 |
| Naval "Boots" | 52 | Apprentice School | 46 |
| Naval "Boots" | 35 | Apprentice School | 41 |
| Navy Yard Apprentices | 51 | Apprentice School | 43 |
| College of William and Mary (Norfolk Division) | 41 | Apprentice School | 31 |
| Medical College of Virginia | 37 | Apprentice School | 40 |
| Randolph-Macon College | 32 | Apprentice School | 33 |
| Hampden-Sydney College | 46 | Apprentice School | 36 |
| Randolph-Macon College | 36 | Apprentice School | 26 |
| Langley Field | 37 | Apprentice School | 32 |
| Medical College of Virginia | 28 | Apprentice School | 41 |
| Hampden-Sydney College | 35 | Apprentice School | 56 |
| Westinghouse Apprentices | 53 | Apprentice School | 65 |
| Langley Field | 38 | Apprentice School | 44 |
| Roanoke College | 54 | Apprentice School | 42 |




*Basketball Squad—1941*




Cale




Hutchins




Austin




McGhee




Ayers

Apprentice basketball teams have been good ever since "away back" in the beginning when "Pop" Lamkin used to put the boys through their paces on the Y. M. C. A. court. Successful seasons have been the rule rather than the exception, and championship cups have, one by one, found their rightful place among the school's many athletic trophies.

We might, for example, mention the squad of '39-'40, which took a furiously fought battle from the Texaco Oilers to win the Eastern Division of the State A. A. U. In Roanoke, competing for the state title, the A's had won one game and lost one when the tournament was called off because of inadequate court facilities.

The year before an equally successful season had been recorded, with the Gold and Maroons winning over everyone and losing only in the final play-off for the State A. A. U. crown.

Although Eastern Division Championships have been plentiful, only one team has ever won through to take the state title. This was the never-to-be-forgotten squad of '37-'38, consisting of Patrick, Carpenter, Dwyer, Heath, Baxter, Spangler and Hamilton. These mighty cagers smashed through all opposition, and went down only after tangling with the Oklahoma City Teachers College in the National A. A. U. play-offs in Denver, Colorado.

There is a good possibility that this year's team, too, will prove itself as worthy as any of the past. Having lost from its ranks only one veteran, Guard Jimmy Baxter, and having acquired much new blood from the increased attendance of the Apprentice School, there is no reason why a great season should not be in store. Twenty games will be played. Fifteen have been definitely scheduled and five are pending.




McDermon




Cooper




Sokol



## 1942 Schedule

| | | |
|---|---|---|
| Jan. | | |
| 3 | Virginia Polytechnic Institute | Here |
| 7 | Naval Training Station | Here |
| 10 | College of William and Mary (Nor. Div.) | Here |
| 14 | Langley Field | Here |
| 17 | Medical College of Virginia | Here |
| 21 | Langley Field | There |
| 24 | College of William and Mary (Nor. Div.) | There |
| 28 | Norfolk Apprentices | Here |
| Feb. | | |
| 5 | Medical College of Virginia | There |
| 7 | Norfolk Apprentices | There |
| 11 | Randolph-Macon College | Here |
| 18 | Westinghouse Apprentices | Here |
| 20 | Hampden-Sydney College | There |
| 21 | Randolph-Macon College | There |
| 25 | Hampden-Sydney College | Here |

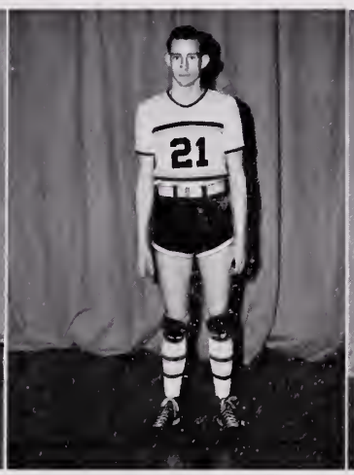





PERRY




SWITZER




MASSIE




H. SCOTT




E. SCOTT



# BASEBALL



BASEBALL holds the interest of a large number of students in the spring and, unlike most colleges, carries on all summer. The school was represented by two teams in the city league—the Maroons and the Golds—and the former participated in the play-offs for the city championship.

Due to the illness of Coach Hoffman, who for years has handled the national sport, Linwood Bunting, former apprentice athlete, coached the Maroons, and Clayton Steele of High Point College was the Gold mentor.

These teams played good baseball despite the fact that the practice periods were limited. For the Maroons McLaurine and Perry hit .400 while Stephens and Shaver hit .361 and .315, respectively. Chappell of the Golds led both teams with the excellent average of .432 and was followed by Russell .395, Noble .324 and Wheeley .318.



COACH R. P. "DUTCH" HOFFMAN

Hancock, McLaurine and Chappell connected for home runs—Chappell with 12, Stephens with 11, and Russell with 10, led in runs batted in. In stolen bases the leaders were Hancock 9, McLaurine 8, and Hanbury 7. Perry, Bunting and Long turned in fine pitching performances for the Maroons, the former pitching a one hit game. Rama, Hanbury and Wheeley carried the pitching burden for the Golds.



*Front Row, Left to Right:* STEELE, TAYLOR, NOBLES, THREEWITTS, ROWE, SAWYER (Manager), WHITE, RUSSELL, NUNNALLY, LONG, DWYER, B. CHENAULT, JOHNSON, and BUNTING
*Second Row:* STEPHENS, SHAVER, MCLAURINE, ANDERSON, RAMA, HANCOCK, BALDREE, MOORE, WORRELL, PERRY, SERIO (Assistant Manager)
*Third Row:* CHAPPELL, CASH, GOODWIN, WHEELEY, WINALL, and PARKS

# TRACK



GRANVILLE GRESHAM'S track team participated in four meets and made the best showing in points scored since track was made a major sport.

In the opening meet of the year the Apprentice Team defeated Randolph-Macon College and Norfolk Division of William and Mary College in a triangular affair. The Apprentices scored 51 points, Randolph-Macon 47⅓, and William and Mary 37⅔.

The following week at Norfolk, Hampden-Sydney College led with 66 points in another triangular meet, while we scored 50 to William and Mary's 36. Catholic University defeated us 75 to 51 and Wake Forest College outscored us 76½ to 49½.

Coach Gresham developed much new material during the season and new records were made in the high jump by McDermon and in the two mile run by Nunn.

The school records follow:

| | | | |
|---|---|---|---|
| 100 Yard Dash | J. W. Gresham | 10.1 Sec. | 1935 |
| 220 Yard Dash | P. F. Shaver, Jr. | 22.4 Sec. | 1936 |
| 440 Yard Dash | J. W. Gresham | 51 Sec. | 1935 |
| 880 Yard Run | J. W. Gresham | 2 Min., 3 Sec. | 1935 |
| Mile | J. C. Sinclair | 4 Min., 47.7 Sec. | 1935 |
| 2 Mile | W. V. Nunn, Jr. | 11 Min., 27 Sec. | 1941 |
| High Hurdles | J. L. Hyatt | 16.2 Sec. | 1934 |
| Low Hurdles | B. E. Garrett | 26.5 Sec. | 1940 |
| Shot Put | J. L. Whitmer | 39 Ft., 9½ In. | 1935 |
| Discus | J. F. Jackson | 123 Ft., 5½ In. | 1940 |
| Javelin | J. F. Jackson | 169 Ft. | 1940 |
| Broad Jump | C. H. Spangler | 22 Ft., 2 In. | 1935 |
| High Jump | E. M. McDermon, Jr. | 6 Ft. | 1941 |
| Pole Vault | Q. R. Flickinger | 12 Ft. | 1940 |




COACH GRANVILLE "GRANNY" GRESHAM




*First Row, Left to Right:* MASSIE, SCHOMBURG, YATES, FLICKINGER, WENZEL, WHITE, MCDERMON
*Second Row:* SANDERS, CHENAULT, BROOKING, POLICK, COVINGTON, MAYO, HOLLOMAN, HENLEY
*Third Row:* GRANVILLE GRESHAM (Coach), BUCK, and Managers KING AND BULL

# GOLF

THE history of the Apprentice Golf Team does not date so far back, but it has achieved much recognition in its short time of existence. The first team appeared in 1938 through the efforts of the late "Dick" Hamilton.

Today the Apprentice Golfers engage many of the leading colleges in the East. Some of the schools that have appeared on our schedule are William and Mary, Washington and Lee, Virginia Military Institute, Davidson, Catawba, Boston College, Ohio State, Fordham University, Penn University, and Boston University.

The Apprentice Team, composed of young outstanding golfers in the school, includes Harry Wheeler, Junius Rappold, James Simpkins, Claude Eley and Robert Blair, who also doubles as manager.

This team went through a very good season, winning four, tying two, and losing only two out of an eight-game schedule.

The Apprentice School, in having use of the James River Country Club for practice and all home matches, is indebted to Mr. J. C. Sterling, Coach of the team.

All Apprentice lettermen are ready for next year's schedule, except Bobby Blair who graduates; however the Apprentices are looking forward to a very successful 1942 season.





## 1941 Schedule and Results

| | | | | |
|---|---|---|---|---|
| Apprentice | 7½ | Here | Ohio State University | 10½ |
| Apprentice | 14 | There | Va. Military Institute | 7 |
| Apprentice | 9 | There | Washington & Lee Univ. | 9 |
| Apprentice | 17½ | Here | Boston College | 17½ |
| Apprentice | 7 | There | Davidson College | 14 |
| Apprentice | 13 | There | Catawba College | 5 |
| Apprentice | 18 | Here | Fordham University | 3 |
| Apprentice | 11½ | Here | Catawba College | 6½ |
| Total | 97½ | | Total | 72½ |



*Left to Right:*

RAPPOLD
ELEY
BLAIR
WHEELER
SIMPKINS

# WRESTLING

THE Apprentice School had its first wrestling team in 1935, coached by "Old Number 9" Chamberlin.

The following year Coach Joe Tilghman became the mentor. Under his leadership the team fared very well. They were twice runners-up for the State A. A. U. title, defeated only by a very small margin. During this time quite a number gained recognition as good wrestlers. A few of these are: Barton Barker, who participated in Olympic tryouts and also won the State A. A. U. Crown in 1939; Benjamin Carmean, State A. A. U. Champion, and Allen Arculin, State A. A. U. Champion.

In 1940 Barton Barker became coach of the team. During the past two seasons we have been meeting some of the best wrestling teams in the South. The fellows on the team have shown a definite will to win. However, win or lose, they have always put up a good fight. Led by Tommy Morgan and Bill Clendenen we expect the Wrestling Team to go far in the future: Coach, Barton Barker; Assistant Coach, B. G. Carmean and F. B. Gall; Manager, Leslie Moore; Assistant Managers, David Brenner and Kenneth Snyder.



COACH BARTON BARKER



## 1941 Results

Apprentices

| | | |
|---|---|---|
| 10 | W. & L. University | 26 |
| 0 | Appal. St. Teach. Col. | 29 |
| 2 | N. C. State College | 27 |
| 15 | Central Y. M. C. A. | 13 |



## 1942 Wrestling Schedule

1942

| | | | |
|---|---|---|---|
| January | 3 | Here | Intersquad Meet |
| January | 10 | Here | Washington & Lee University |
| January | 17 | There | Appalachian State Teachers' College |
| January | 24 | Here | Norfolk Y. M. C. A. |
| January | 31 | There | North Carolina State College |
| February | 7 | Here | Petersburg High School *vs.* Reserves |
| February | 14 | Here | Langley Field |
| February | 21 | There | Norfolk Y. M. C. A. |
| February | 28 | There | Langley Field |



*Front Row:* BARTLEY, JESSEE, MORGAN, HUFFMAN, AHEARN

*Second Row:* COACH GALL, SMITH, HUMPHRIES, ROUNTREE, AYERS, DYKE, FARMER

*Third Row:* MOORE (Manager), LEAMAN, DONAHUE, CLENDENEN, REA, LANE, ABRAHAMSON, COACH BARKER

# FENCING



*Left to Right:* Loftis, Wright, Meehan, Ashe
*Absent from Picture:* McCreary, Osborne, Langslow, Brown, and McAlexander

THE Fencing Team is the "Baby" of the school's athletic program. Only three years old, it has made remarkable progress on the road to an intercollegiate excellency rating. What last season's fencers might have lacked in finesse they certainly made up in brilliancy of attack, and their enthusiasm for the sport was boundless.

The squad will lose by graduation only one veteran, Captain Earl Meehan, and will retain the services of such stalwarts as Laird Loftis, William Ashe, James McCreery and William Osborne.

Coached by Mr. Lewis Parsons, who has been a master of the art since studying it in England and Belgium, the boys have become increasingly dextrous with the foils and are certain to have an outstanding team this season.

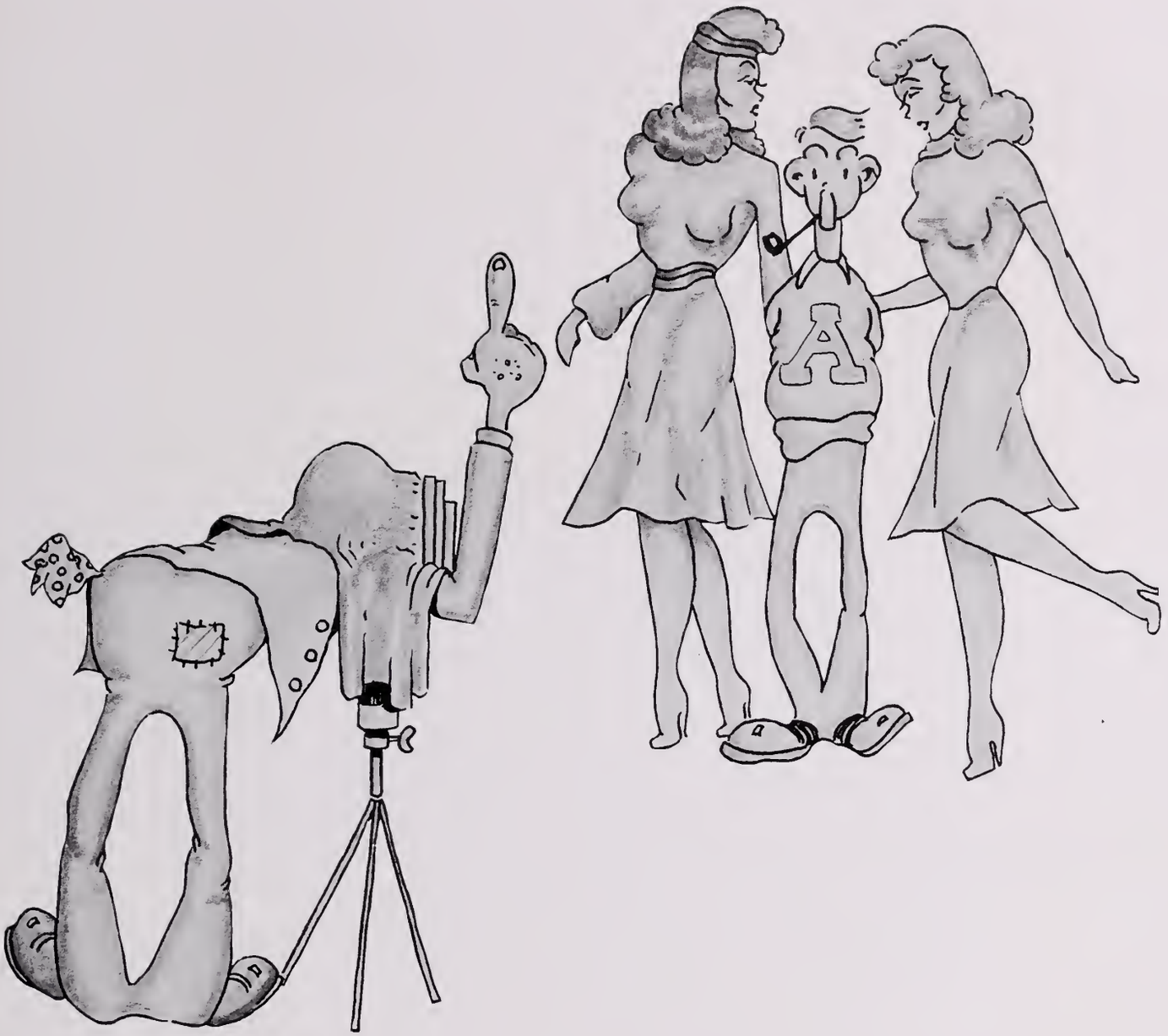


Coach Lewis S. Parsons

The proposed schedule includes teams of the calibre of William and Mary, Washington and Lee, University of Virginia, Virginia Polytechnic Institute, Langley Field, the Norfolk Naval Base, and possibly the University of North Carolina.







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*Whoops!*



*Whoops!*





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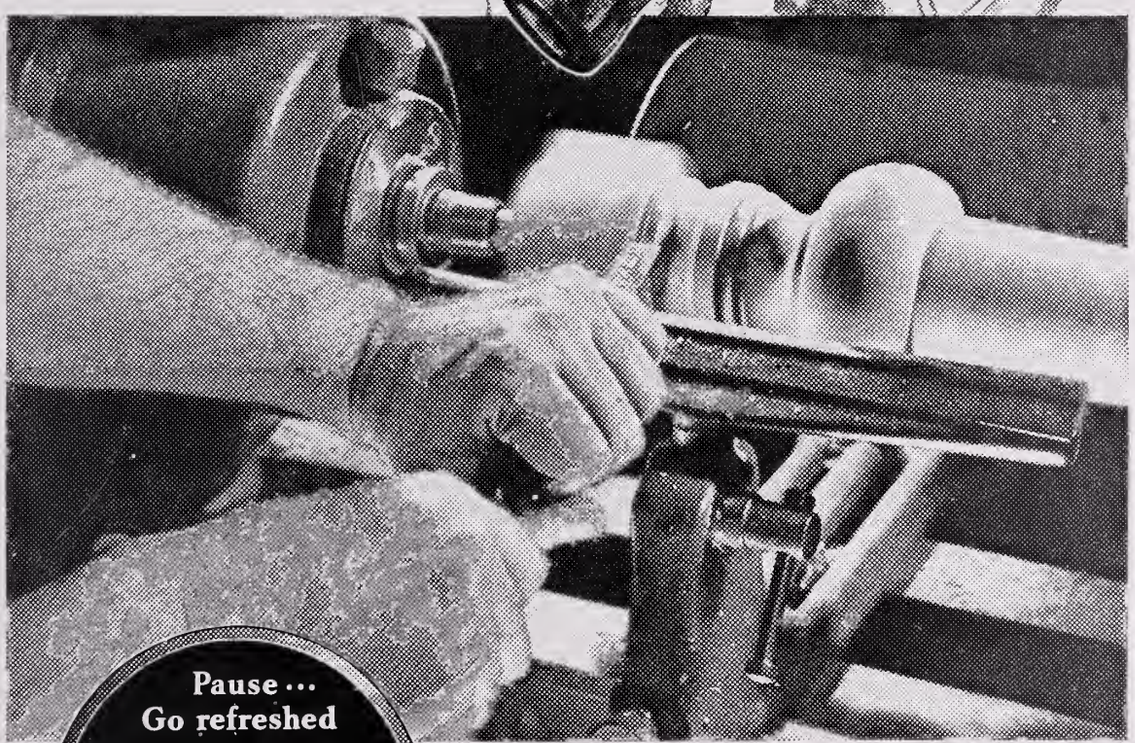
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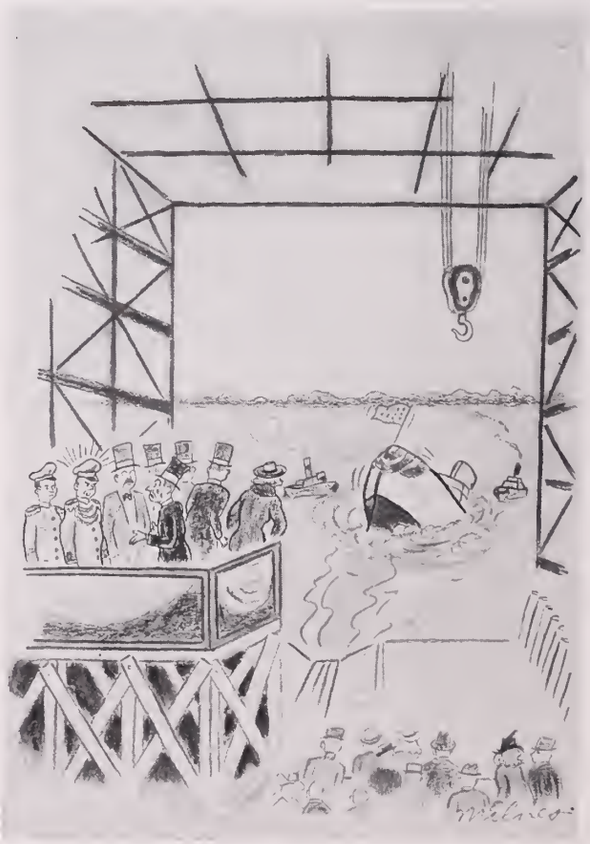
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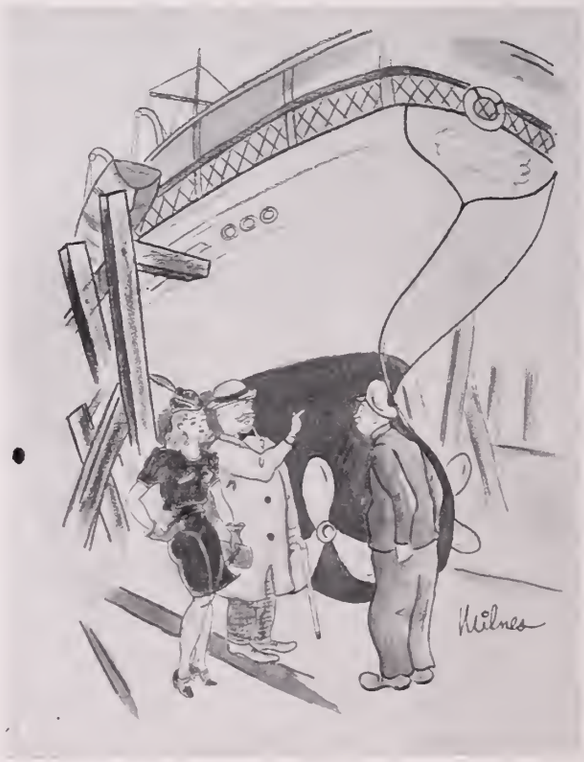
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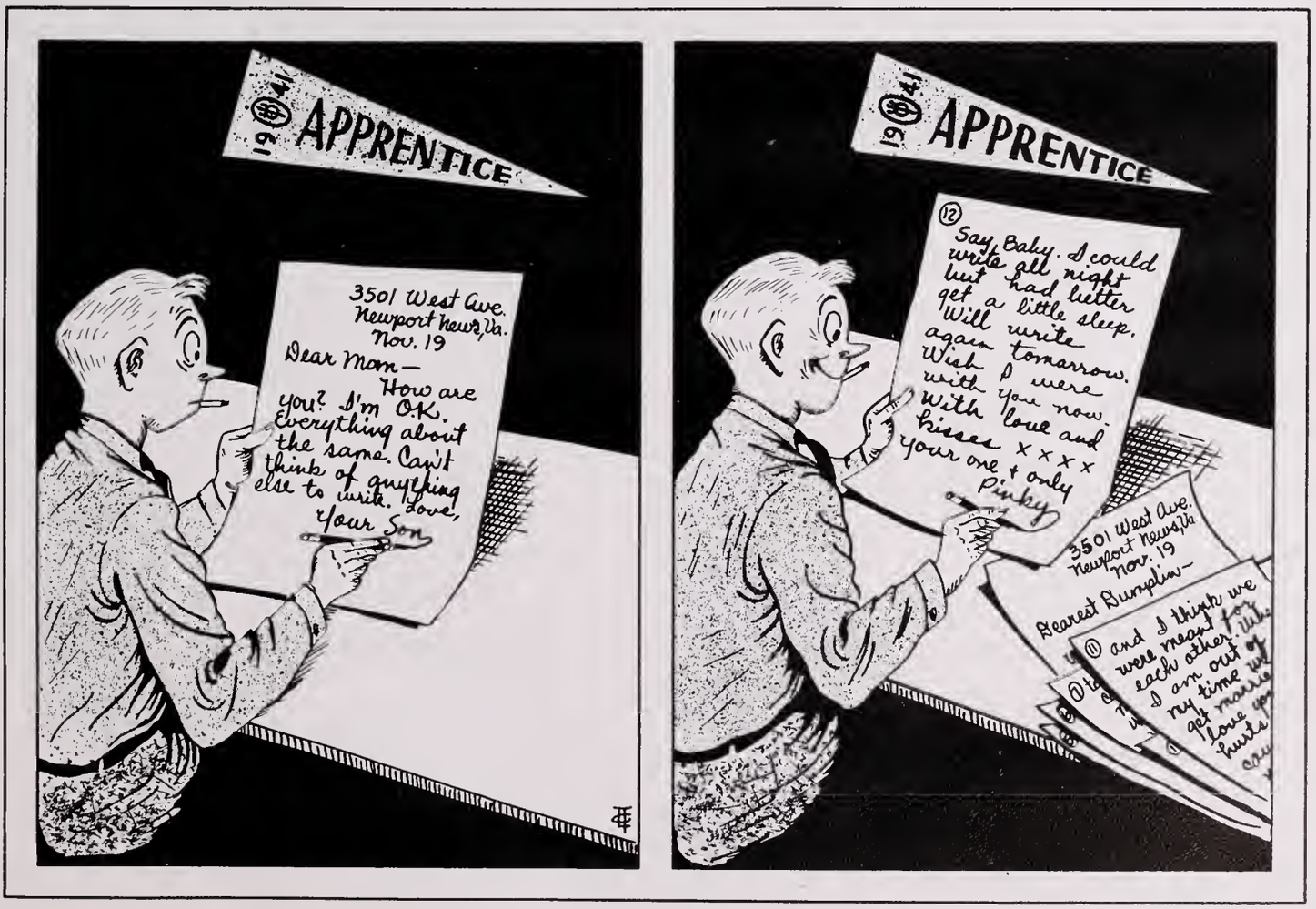
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